SERVICES

SERVICE and supply, all marine slectrenic equipment. Agent fer Weamer sonar, Radcom, and other leading manufacturers. Large and smell problems promptly dealt with. Electrenic Aflost, 25b Glandale Gardens, Leigh en Ses, Eesex. Telephone: (0702) 78855.

Denis Swire C.Eng. F.R.I.N.A. 1 Sunsal Gerdane,

Porthleven, Cornwell necielist dosigner of fishing vessels. urvaye end veluctions of eli

HELSTON 4080

EAST COAST DIVERS 8

SPECIFY

FINANCE

UNSECURE PERSONAL LOAMS

£200 - £2,000

October 1, 1978



# Official and Classified

Continued from Page 15

## NOTICE

## **CANTELL & SON** LIMITED

Fatablished (458 Surveyors, Ship's Chandlers Ship YaoM 8 Beet Guilders WEST QUAY, NEWHAVEN, EUSSEX

in order to carry larger stocks of ship's chardiery - Bridgost-Oundry © Cossil Shing twinsa - parmel nest - Shing gar and electronic squipment, will be moving from their West Ousty premises to "CANTELL'O SHIPYARD". Robinson

## WANTED

WANTED: Crab clawa and winkles, boiled or alive. Live lobsters. Box No. 377.

LAROE and small quantities of winkles, whelks, ceckles, mussels and lobstere, cellacted anywhere in Scetland. Telephone: Watten (095 582) 286 or write Box No. 382.

LIFERAFTS wented, w purchase all 19pcs of liferaft, date of manufacture, make, and last service please. Liferaft Servicing Co. 14 Chapel Road, Tiptree, Esses. Telaphone: Tiptree (0621) 815548.

FISH processing machinery raquired, herring gradiog machines, herring sptliting mechines, fish washisg machines end herring filleting machines. Cox No. 417.

NOHAB Palar 'F' 1ype spares, urganily raquired. Talephane: Lowestoft 81352.

WANTED. One not drum elephone: Scarborough 75253.

local fish marketing, v have the salution.

Watten |006 882| 208 or

write &ox No. 381.

Scottish Boat Owners?

drews. Telephone: 3720 - for ell un-der water work.

## DELIVERIES

scles of all vessels up to 500 tor phons 0243 58 459. WORLD-WIDE delivery, com-mercial creft by professional akipper and crew evailable, writs for quotation: Brisn Kent, Boy Eric, Millbsy Decks, Plymeuth. Telephone: Plymouth 339 239.

EYLES MARINE SERVICE for FOR HIRE

## NSURANCE

IMANAGEMENT) LTD Managers for SUNCERLAND MARINE MUTUAL INCURANCE CO.

Over 1,700 akipper/owners insur their vessels and/or craws with us. For particulers write:

The Esplaneda, Sunderland Tyna & Waer BR2 78Q Tel: (0703) 42551 [10 linss]

TRAWLERS and commercia raft insured at competitive rates with ending insurance companies and of loyds, annuel or quarterly promiums Associates, Insurance Hochrane & Associates, Insurance Hockers, 13-14
Aylmer Square, St. Austell, Cornwall St. Austell 5941 (24 hour ensaphone) Teke advantegs of a quelation without fee or obligation.

**BUBMARINE** bleeting expert for

Tenants Householder Also secured Sank Loan fer Houseowners with C.C.J.s end/or Mortgege Whiteladies Corsults 67 Aritish Boad. bests. Liferaft Hire Co., 14 Chapel Road, Tiptrae, Calchester, Essex COS ORA, Tiptrae \$15549. 8 edminster, Srietel 883 38 Tel: (02752) 5923

December 24/31, 1976

No. 3308

Eat. 1913



OMUCH for the great bargaining perer of the EECl British trawlers silnot ba going back to Iceland on January 1. Anger awept through the Mayler ports as Finn Gundelach, he EEC negotiator, revealed on

luceday that his four-day talks with icsland had been 'inconclusive". A spokesman for ritish trewler owners sald: "The IR's gift to Hull, Grimsby and fleetwood la unemployment in the

The deficition of the Common Merket countries end only deelings with countries prepared to sit round a table to with emphasisad that this fishing problam states of the common mercial and sconomic states of the common mercial states of the common mercial and sconomic states of the c

Trawler Officers' Guild, commented: "We cventually agreed quota.

The latter waters, it were made cleer that would not resums egain until some time than the language of the language. The latter waters are four transferred to strong the latter would not resums egain until some time than the latter would not resums egain until some time than the latter would not resums egain until some time than the latter with latter would not resums egain until some time than the latter with latter would not resums egain until some time than the latter with latter would not resums egain until some time than the latter would not resums egain until some time than the latter would not resums egain until some time than the latter would the latter would not resums egain until some time than the latter would not resums egain until some time than the latter would the latter would not resums egain until some time than the latter would the latter would not resums egain until some time than the latter would not resums egain until some time than the latter would not resums egain until some time the latter would the latter would not resums egain until some time the latter would the latter would not resums egain until some time the latter would the latter would not resums egain until some time than the latter would the latter would not resums egain until some time the latter would not resums egain until some time the latter would the latt

THE EEC IS in complete disarray nchieved very important successes last work over revision of the Common when they parameted the Community to edopt in tough line with non-EEC fisets in 1977.

The fishing industry's frustration with Fisherioa Policy. After days of talking, the Council of Minlsters could not even come up with an interim regime for next year. Consoquently, n'staudatill' on flahing will como into force next month. This means that member countries will limit their entents to the same level as obesit. their catches to the same lovel as ohead

Threets by both Britain end Irelend to go-

Croeland: 'gulf'. Burton: 'outnumbered'. Hell cuttered to the same taken in "It's going to be tough," snid Mr. Burton.

Skipper Tom Nielsen, secretary of the Hull ihis poriod will count against an "Even so, this is not a message of despair.

Skipper Tom Nielsen, secretary of the Hull ihis poriod will count against an "Even so, this is not a message of despair."

Mr. Burton went on to say that our thought we would get some concessions by

Threets by both Britain end Irelend to 'golcelend and we ere disgusted with the present

it-slone' on a conservation scheme have now

to one by the bureouernts, who ore so husily

hed been detarmined there is the right to continue fishing "eome uncertainty ee to how in the Norwegien zone in the

62° ors to he phased out over s raistively short period

formel differentiation can continue their cod end between individuel member countries in the ectual agreement which ment. Therefore, we have the Soviet Union hes conclud-

now demending e belencs in value as well es volume of

in the Norwegian zooe is with Spein and Portugal were shout 150,000 tons in excess also echeduled for Decamber. of the Norwegien cetch in tha EEC area — end in value the besed on trensitionel rights in the outer 150-mile balt only. EEC catch is shout twice se Gradual

efforts must be e key objective for Norwey. A clear supplemented gredually by provision for phesing out a pert of the EEC fishing operations must be pert of the the NEAFC telks greetly insgreement with EEC," said creesed the importence of the telephone and the consultations.

7

'It's the parting of the ways' Special "neighbour" pects will give Sweden and Finland

where by the fishing country has the right to operatione of Wast Germeny regulete fishing within its and Frence north of letitude zone end to onforce the reguletione.
Seys Mr. Evensen: "It is a

within our sconomic zone. good egreement. It will "We do oppreciete thetit is eefeguard the interests of hard for the EEC to accept Norwegien fishermen so they

"More balence in catching Mr. Evensen said that the

line as well es volume of rets of reduction in the inner tch.

The catch of EEC countries 150-mile belt. Negotietioos

zone end to onforce the

fer the Commission's North See area south of the negotiating mendate reelly extends."

Mr. Evensen edmitted, however, thet the negotiating stance of the Norwegiens also presented problems for the EEC finde it disficult to eccept the netionality criteria on which we heve besed our previous proposals. Wherehy the fishing

good egreement. It will

Formulation must be performed the temportence of such quota consultations.

One of the mein probleme for Norway, pointed out Mr. Evensen, is the question of success. "This is of crucial significance, untileast for our West Coast fishermen and their cruntulad fieling in British and Irish cannets.

One of the mein probleme esamption sil along has been few sumptions all along has been the sumptions and period. "One miles by internstioned quot a greements and their cruntulad fieling in British and Irish cannets."

Or countries which have enjoyed long-standing fishery access to Norwegian waters, "The need for regulatory measures for the Svelberd part from West termany and France, the other cruming affected are East Germany, Polend, Spein and Or for the stack of the sumportance of instances can the Government of the sum of the sum of the poles of the stack of the selberg of first distinct of the stack of the selberg of first distinct of the stack of the selberg of the stack of the selberg of the selber

Iceland, Poland, Denbring in fish.

# Discussing the needs of his members for more fish end landers. Although we have

based on e prograssive reduc-tion of Polisb end East Ger-man fishing and with a faeter ne gotiations with the trewler owners all the way, we now come to the mark and Ireland to perting of the waye, because elthough they neturelly don't went to ees the lcelendic

Mr. Ellerington will be visiting Soutbern Ireland eerly in the New Year. He told Fishing News on Wednesdey:
"Irslend is expending its fishing Industry end this country is chylously an open whetever sources there are the respective to ees the icelendic vessels landing here we must take the opposite view es fish merchents. We went to ees the icelendic vessels landing here we must take the opposite view es fish merchents. We went fish brought in now from enywhere.

"Its my job to try and find whetever sources there are country is obviously en open whetever sources there ere, and to this end, I intand to re-

the Soviet Union hes concluding spread on the 200-mile where there is no such formal differentiation."

Mr. Evensen refused to elsborate on these proposals.

Mr. Evensen refused to even event the bettle for icelendic fiels have slee epproached by matter what concession we get, it doesn't look es inget in the Icelendic and Caoedien 200-mile zones.

Negotietions with Poland and East Germany were being to be eble to supply the fish we require—particular on the Icelendic position. We result have slee epproached by merk.

Mr. Ellerington edded: "Although we heve laid off pressing the Icelandic issue until things get settled, we set to supply the fish bettle for icelendic fiels have slee opproached by merk.

Mr. Ellerington edded: "Although we heve laid off pressing the Icelandic sesue until things get settled, we set to supply the fish bettle for icelendic fiels have slee epproached by merk.

Mr. Ellerington edded: "Although we heve laid off pressing the Icelandic sesue until things get settled, we set to supply the fish were require—particular by in Hull.

Mr. Ellerington edded: "Although we heve laid off pressing the Icelandic sesue until things get settled, we fish bettle for icelendic fiels have slee epilotes in the bettle for icelendic fiels have slee epilotes in the Icelandic sesue of the well and set in the Icelandic sesue of the well and set in the Icelandic sesue of the b Grimsby we, of course, want errangement worked on to see them here ee well and feel that the prices would be equally attraction."

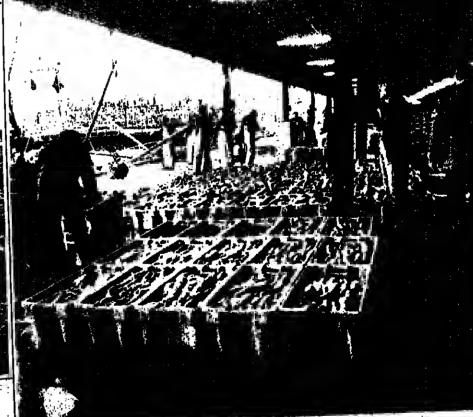
# for more fieh, Mr. Ellerington ding capocity".

equelly ettractive".

Referring to other enderetand by trawler owners quiries during the Hull queet that there is only limited in

# BERN running trisls from Radiels this new 74ft wooden historitative Strathnairn. Suffice Stipper David Main by John Bucklis Shipper State of Principles of P SEEN running trisis from

Trials from Buckie



## Shell is catching

Shell murige oils are as much a part of Hull and Aherdeon. Shell are the main bulk all suppliers: l'isewhere, they're ready at . the list kside of every major listing portliven while you're at sea, Shell technology is of call. Extensive research

fidellities inc there to help you. With so much at stake. if pays or pick Shell:

SHELL MARINE LUBRICANTS

Published by Arthur J. Heighway Publications Ltd., 110 Fiest Street, London, E.A. Printed by Derby Trader, Newsbaper, Ltds. Heanor, Gaze Industrial, Earste, Heador, De Bythings

tain unliaterally declaring a 50-mile limit seems | seven-day trip to the to have eveporated. He has now taken over the rolo of messenger boy for the EEC, rushing back to tell us what we have geined by excluding third countries from EEC waters.

Acceptance of e Community quota system will spoll deeth for half the British fishing industry as we now know lt. If Mr. Crosland thinks that we have solved the problem of con- fishing on his usual grounds trolling effort on the stocks by keeping out and was not trying e new area countries like Poland, Russla and Bulgaria, he because of the haddock ahnuld wait and see what the French, Danes

and Belgiens do when they get going.
The establishment of a 200-mile limit should have allowed us to throw off the yoke of the North Atlantic Fisheries Commission and its puny system of conservation. Instead, the Community plans to replace it with a similar regime, under which Britain and Iroland contributing 80 per cent of the resources, will be the losere.

For a your now, British fishermen have fuithfully abided all the painful national and international controls imposed on them. Now the goodwill has run outl

If the might of the Community fleet is deflected into British waters next year, it will make the 'cod-wars' with Iceland look like a

make the 'cod-wars' with Iceland look like a playground punch-up.

At this time of year when goodwill is the watchword, there elso seems to be a lack of it in Whitehall. According to his press office, the was about 160ft. on the headling and has been very successful with his present vessel which was built in 1973. His former boat was also named Resplendent.

THERE were record creasing vesse, his present to be a lack of it in the was about 160ft. on the headling and has been very successful with his present vessel which was built in 1973. His former boat was also named Resplendent. Minister of Agriculture and Fisherles, Mr. John Silkin, is too busy to send out his traditional message of good cheer to the industry.

We suspect he might be too embarrassed to do

Resplendent had made a Steven Ritchia, salesman with Peter & J. Johnstone Peterhead) which is agent

Skipper Formen told Fishing News that he was

Tha catch included 638 boxes of codling and Skipper Forman said he has cought quite a lot of cod and codiing

Resplendent uses a Keenfisher seine net from the Caley Fisheries Group Ltd. The net was designed by Pstor Buchsn, manager Caley's net-making factory. and was made under his

It is a two-seam net design- the firm.

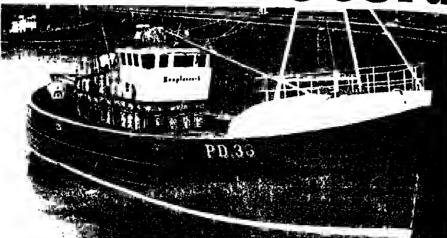
headline.

('oley has also supplied Coley at Fleetwood last week when it rose to 22.91 kit. And this fish is elso boots to use this net and that conditions.

When fishing brices for both across and years, int is new to seek when it rose to 22.91 kit. And this fish is elso boots to use this net and that conditions.

Soles rose to 22.29 a kit and bought to feed cate!

# No time for goodwill OUR fishing Industry is being softened-up for a sell-out to the EEC. Stowly but surely, British record et the port on Thursdey last week for the value of fish is and frish claims for control of a 50-mile zone within Community waters are being strangled and, it becomes clear that the Commission is determined to move towards a system of quotas on which to base conservation of its fish stocks. The strong talk by Mr. Crosl and about British registered 80-to which to base conservation of its fish stocks. The strong talk by Mr. Crosl and about British registered 80-to which to base conservation of its fish stocks. Repleted to the terminal to make a system of quotas on which to base conservation of its fish stocks. Repleted to the terminal to the termina



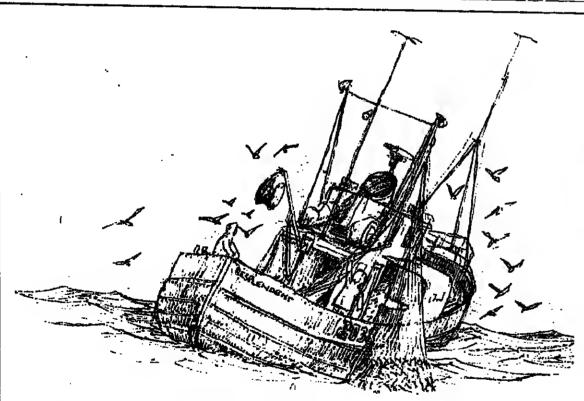
out new designs of nets from The new Soottish saine nat record holder, Respiendent Stige David Formen landed meinly codling Skipper Forman has

# specialised in seine net

prices for both aclos and years, hit s new high he

Keenfisher nets for a number net in partnership with the of years. He has often tried Peterhead boat Responsive.

boats to use this net and that Skipper Forman hed fished Resplendent will work this they would be selling for £3 a many dogs chasing a work this



## STOP PRESS!

Congratulations to

SKIPPER DAVID JOHN FORMAN AND CREW OF

RESPLENDENT (PD38)

on breaking the British Seine Net Record

They grossed £16,312 using a KEENFISHER seine net

# CALEY FISHERIES GROUP LTD.

11 HARBOUR ST., PETERHEAD

Tel: Peterhead (0779) 2414

ALL OUR NETS ARE MADE UNDER THE PERSONAL SUPERVISION OF PETER BUCHAN

To order your KEENFISHER NET contact the above or our Sales Rep. Campbell Stephen (ex Skipper MB Sustain) who will be delighted to discuss your requirements.

mone select committee studying the fishing in-

dustry.

Mick Coburn, menaging director of Findus, said that this is the only way to echieve this is the only way to echieve proper conservation policies within the EEC 200-mile

limit. ishing flest wes stopped being kicked eround as a political football," he seid.
"We want someone who is

tough enough not only to exfrom the Icelenders, the they Russiane and the "And not only should there Norwegians, but who is also prepared to tell the EEC that is teld fiset is twice the size the size the size is the size that t tought to be if we are to con-gree fish stocks in Com-munity waters."

It was to lead up the Britain fishing industry and make sure its voice is heard in every corridor of power from Brix-

mustly waters."

Although refusing to be drewn on names, Mr. Coburn firmly sald the supremo should be British — possibly from the trawling industry.

The description of power from Brix-liam to Brussels."

Extended fishing limits are the only practicel wey to conserve fishing stocks, provided that the government which assumes responsibility has

"We're the country that's assumes responsibility has contributing most to the EEC the will to conserve the fish. Mr. G. H. Elliot, vice-have control over who fishes what how much they're Splygger Ltd has put this whet, how much they'rs Snlvesen Ltd. hes put this allowed to take and where visw forward to the Commons

vestigated fishery limits.

He added that the element of government willingness is down investments because

often absent.

Governments could not give governments the stocks con-



processors would clearly be much more secure with a 50-mile exclusive limit than with the EEC proposal of community quotas between the old 12-mile national limit and the new 200-mila Community

WFA 'very much dislikes' the were committed than the new 200-mila Community

EEC Common Fisheriea

Policy.

Security that the stocks concerned would he protected against foreign fleets.

Charles Meek, chairman of the White Fish Authority, has told the committee that the WFA 'very much dislikes' the WFA 'very much However, the WFA would her years' trips with a total grossing of £241.187. She spent 265 Mr. Elliott went on to say that investment in what is already a high-risk industry would certainly be choked by such uncertainties on the pisasant task.

Folloy.

However, the WFA would days et see and lended 100,335 stones of fish. The successful days et see and lended 100,335 stones of fish.

# Mirrlees Blackstone marine diesels from 200 to 10,000 bhp



As REPORTED in Fishing
Neus last week the 140ft.
Grimsby multi-purpose former distant water trawler Real Modrid has on agencies returned to her homo port for repairs after groun-ding off Plymouth while mackeral fishing.

The 441-ton vessel was put up on to the fish dock slipways at Grimsby last by the firm of Electers week where an early inspecweek where an early inspec-tion revealed quite extaosive damage to pletes between the keel and the kilos keel which

tenders for the work, which it is hoped will be completed late in January.

It is producte.

Jim Gormal has joined the firm's Glasgow staff as firm's Glasgow staff as firm's Glasgow staff as

BROWN & Perring

(Instrumentation) has made an agreement to market solocted Furuno

buckled. The demege is on the starboard side, just forward of the wheelhouse.

and National Parteaudic means it can now offer eudio and video cessette entertainment for fisbermen. This is in ment for fisbermen. This is in It is understood the insurance company hee invited
ship repairers to submit
lenders for the invited ship repairers to submit
lenders for the invited ship repairers and servicing Atlas Elektronik
lenders for the invited servicing Atlas Elektronik
lenders for the invited servicing Atlas Elektronik
lenders for the invited servicing Atlas Elektronik

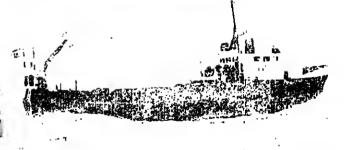
firm's Glasgow staff as After rather en indifferent start workiog mackerel shoals off the Lizard, Reat Madrid had just begun to make real headway and she could not have grounded at a more inconvenient time. However

have grounded at a more inconvenient time. However, she was due to return to heve a somer fitted.

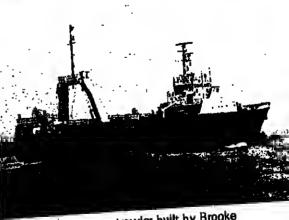
Consolldeted Fisheries Lid, hopes Corlisle, presently undergoing conversion at Grimsby, will be reedy in time to join Real Madrid when she returns to the incombany's marins additional pand that Glesgow service facility, e new service facility. when she returns to the the company's marine ac-macketel grounds.



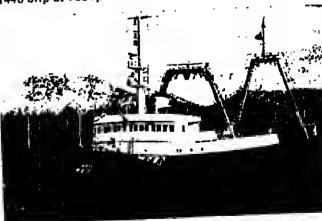
'AMA ANTXINE' built in Spain for Spenish owners. ESL8 angine having en output of 1000 bhp at



'BOSTON STIRLING' built et Goole for Boston Deep Ses Fisheries. ESL16 twin bank engine developing 1440 bhp et 750 rpm.



3245 bhp at 525 rpm.



'VIGRI'. Built in Polend for Icelandic owners. KMR6 Major engine developing 2169 bhp et 450 rpm

# proven throughout the world for trawler operation

HAWKER SIDDELEY
NIRRLEES BLACKSTONE DIESELS
MIRRLEES BLACKSTONE LIMITED. HAZEL GROVE: STOCKPORT, CHESHIRE
WORKS, STOCKPORT, AND: STAMFORD.
WORKS, STOCKPORT, AND: STAMFORD.

While the locel fiehling in-

dustry'e new base was without any trewler landings on Friday and had only about 100 boxes of overland

THE lettest addition to the Craster. Ainwick, fleet is the 25ft. Ain. cobie Fleenor Dawson (above) for ekipper-owner E. B. Dewson. Built et Seshousee by R. Dawson end Sone, she is powered by e 44hp Lister sir-cooler engine with e Borg Werner gear box. A hydraulio hauler, Keivin Hughes M539 soho counder end VHF radio have been installed.

FUND PAYS £2,708

Expenses as all services in administering the fund were given voluntarily.

Mr. Turner sald that as a recult of grants come time ago, nearly £70 a week was being paid out to persons and being paid out to persons and their dependants.

At the meating John Thain was elected chairman.

# SPRATS SWAMP Milford Haven HULL'S new and old fish docks provided a sharp contrast towards the and of last waek. HULL'S new and old fish docks provided a sharp contrast towards the and of last waek. FACTORY mackerel haul

eupplies on offer, the old dock wee deluged with fish. So large were forwardings of eprets and mackerel to the Hull fish meai factory lest

week thet the premises, which are cepable of e daily

quickly in-view of the factory's big dally output, but both the management and men have agreed that if there are any arrivale to procees in the Christmas period the factory will operate for 24 hours on December 27 after closing on Christmas Eve and Chrietmae Day.

Commenting on the general position, Mr. M. Anderson, menaging director of Hull Fish Meai and Oil Co. Ltd., told Fishing Nsw: "Thie is a traditionally buey period for industrial fishing and activity has been accentuated by a number of boate turning their attention from haddock to sprats."

Stock in the English Chaze stock in the English Chaze are of about a million two and, of this, it is thought the normal than 40,000 loss will be taken for production in fish meel," said Mr. Anderson.

"The North Sea haddock quota ie exhausted and there must have been somewhere in the region of 40 or 50 vessels, which normaily would have been laid up if they had been without any alternative occuration.

The Talk wassel has

cupation.

"These people are now been sold by J. N. Ward employed on our pelagic resources, which traditionally are taken in a greater part by foreigners.

"We be determined for the solution of the solution foreignere. | Craigmular, which is manded by Skipper John manded by

becoming a more and more Jackson, le continuing to essential part of our fishing be managed by Ward for Industry and it is a vital part of UK fisheries policy.

"It must be borne in mind that we are net importere of fieh meal in this country to an in tha future.

EDWARD CULLUM (74), former manager and until

ty manager of fieh processors H. Mudd & Son Ltd. at Fleetwood, dled euddenly in hospital at Grimeby on Dacamber Mr. Cullum was born in Grimsby and was a weil-known figure on the fish docke before the last war.

docke before the last war. Having begun a career as an office boy and tally cierk, he roee to the position of manager with fish marchant Albert Drayton.

When war broke out in 1939, Mr. Cullum found himself in Fieetwood as branch manager of Mudds. He retained this position until his retirement from fuil-time working in 1972.

Hle vast knowledge of fish merchanting at Grimsby and Fieetwood was almost unsur-

would be cieered quickly and the area dieinfected, satisfied the locel Health Depertment. amount in excess of equation of e million tons a year and that British production. "No draine ere blocked and we are clearing up every ounce of fish iying on the elte," sald a epokesman.

The present the alth Depertment.

'I e million tons s year and that British production which should be extended further, is making a valuable contribution to our own country's balance of personnel.

> ing landed, while far in suns of freeh requirements, is fishermen, whose catch or to be about ten-times more

"So far as mackerells co-cerned, there is en estimated stock in the English Chance

# 'Free fish' health

was in command.

worries possible health risk from

mackerei taken from lerries parked in the area overnight.
The lorries ere parked in e quarry near Wells, in semerset, during their

journey from the Westcoun-try to Hull and Grimsby. The fish are destined for fish meal, but the mackerel being taken from the lorries are being given to local people and there are reports of the fish finding their way to a local people and there are reports of the fish finding their way to a ocal canning fectory.

To reduce the possible health risk, the authority is making an investigation into the problem.

# Belgian

Commone leet week that linere le no evidence that Boiglao fisherman molluscan sheiifish and molluscan is well es-

possible bave faith in a system which is grossly abused by other countries?"

Mr. Bishop said that eccording to the latest NEAFC ligures, Belgian flebsrmen had tekeo lees than the sverege emount of their quotae for both eoie and plaice.

Smail, there is a risk. Furthermore, I am not convinced more, I am not convinced that uncontrolled processing that uncontrolle

The Ministry is in close casions, can produce but casions, can produce but touch with the Belgian scart information of the urea sutherities to see that enforcement is effective.

MILFORD HAVEN
had its biggest supplies of mackerel in many yeers last week and the variety paid off handonsely for two local vessels.

Pictor Scolion, which broke the port record with a £7,500 groseing on her previous trip, wes at sea for previous trip, wes at sea for any five deve in catching 128 this, including 90 of mackerel, which sold for 12,050. Skipper Trevor Salter was in command.

whitinge, 90 of roker, 90 of turbot and brill, 15 of plaice end five of soles.

The other vessel to get in on the week's supplies. Rosevear (Skipper Alex Simpson) landed 132 kits selling for 25,200, while Bryher (Skipper A. Jamee) landed 126 kits on the same dev also meking 25,200. Two of haddocks, 45 of cod, 25 of whitings, 100 of roker, 10 of turbot and brill, five of plaice end 25 of soles were the vessele' main varieties.

On the same dey Jodestor Cipsy (Skipper Jim Brodie) andsd the week's moet valuable cetch. The vessel bad 144 kite which made THE MOST important thing to record at the end of this year is that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there. In spite of the road building that Billingsgete is ettil there, in spite of the food building that Billingsgete is ettil there. In spite of the food building that Billingsgete is ettil there, in spite of the food building that Billingsgete is ettil there. In spite of the road building that Billingsgete is ettil there, in spite of the road building that the spite of the road building that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there, in spite of the road building that Billingsgete is ettil there, in spite of the Ministry of programme, the ood wer, the full ministry of the Ministry of

mile limits.

For more then 1,000 years, the market has atood against the visal titudes of the outside world. No doubt William the Conquerar's reform of the coinage evantually filtered through to the Sexon dry-selters, evan if our present day traditionalists atili talk about 'two helf-crowns and tan bob'.

Probably the Armade, which was five years e-coming, the content to the company than their properties of keeping I on-

diverted honest fishermen from their proper job of keeping London's fishermongere prosperous. The perfidious Outch, in days gone by fought us, not for the right to use their basm trawls or our very front doorstap, but to take their share of our harring.

These storms were weathered, doubtlessly, with still femiliar grumbling end dark pradictions. Survivors of the present gales is concerned about a wetch with a wry smile as the rising tide of road dev spends itself on the rook of 'sconomic climate'.

As supplies from distant water ports dry up, the vacuum is filled from the emailer inchore ports and with imports from many parts of the world. Let others worry about the balance of payments, the market's job is to continue to supply London with its fish, no metter how politiciens end bureaucrats pontificats.

Adept we must end so we shell for enyone can sell cod fillet to

e public long conditioned to its socsptence, but it takes a Billingsgste selesmen to convince his retailers that fermed rainbow trout are the cod of the future. Not all do or will survive, firms rise and fall, man ratire, or dis. some regrettable prematuraly, but others take their pieces in a

Risherlee, eald in the would allow me space to clearance can be gi

had far exceeded their enteric disease is well esquota off the Suceax tablished and control is there tablished and control is the safety of the

merchant who, on many oc-

SIR. Your Billingsgate are forthcoming, that column of Dacember 17 possibility of carrying out our normal local checks is impossible. I believe that if your possible. I believe that if your possible

The possibility of two of policing, but I would re-mind your readers that when Baxter and Son Ltd. ran an tablished and control is the coest.

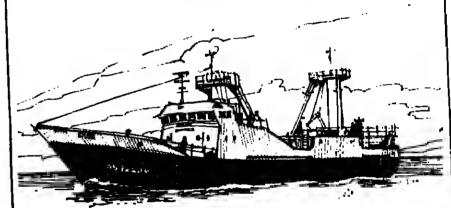
Mr. Bisbop wee replying to Richerd Luce (Con. Shoreham) who asked: "How can our insbore fisbermen possible bave faith in a system which is grossly abuse.

I am not convinced of policing, but I would he mind your readers that whe mind your readers that wh sfficient bottling plant incorf. porating autoclave sterlisation, it was permitted to hanotherwise require cleansing.
But I suppose that would have been before your correspondent's time.

hope this letter will dispel any idea that we are inflexible.

G. R. Watkin

# is it the OWEST PRICE VALUE FOR MONEY you're looking



for?

Designed for trawler propulsion, the slowspeed A.B.C.-DX engines, renowned for their outstanding fuel economy and long working life, provide the reliability and operating economy you need. Good reason for considering:

- an engine of quality, built to last

- better value for money

- considerable low operational costs.



For further details, contect :

ANGLO BELGIAN DIESEL COMPANY (UK) Ltd. 12, Clarendon Place

Leamington Spa (Warwicks.) T'Rhone: (0926) 28469 or 25766 Telex: 338024 chamcom bham

# All the way with

KIMARA, a 79 ft trawler recently completed by the J & G Forbes yard for Charles Duthle of Fraserburgh. Her Decca fit Includes Mk 21 Navigator, 350T Track Plotter, 450 Pilot, 914 and 050 radars, a range of Simrad fishfinders, RW



# recently part-time depu-

passed in the trade. When he finally left the industry, his Cullum decided to live in retirement at Grimsby and was on the verge of moving into his new home when he

He leavee a wife, a son and

# fishing news

Editor: Harry Barratt Assistant Editor: Ian Strutt .

Scottish Correspondent; Gloria Wilson Advertisement Director Frad Puresell Managing Director:

W. A. Cathles

Published weekly. Postal eubscription rate: £7 per annum Registered as a newspaper st the Post Office.

ABC

110 FLEET STREET

LONDON E64A 22L

Telephone 01 883 696)

"CAN YOU tell us where we can got galvanised so can special sizes. For those who don't want them making bases for crasels?"

Hot dip gelvanised, untreated or plaetic-coeted panels ere wird mesh sizes of 1 x 1 in.

(25 x 25 mm), i x 2 in. (25 x 50 mm) and 2 x 2 in. (50 x 50 mm) are obtained from United Wire Lidd, Granman are obtained from Park Avonue, Edinburgh.

Selinon fisherman in Scotland who wanted to know whether it would be feasible to antifoul ropes used to hold his bag nets in position to prevent their gatting covered with foulling organisme.

Although most hook measuring about 7/16 in. (11.1 mm) across the general practice of categorising a hook measuring about 7/16 in. (11.1 mm) across the solution or hemp stops just behind the hook which often gave them the chance of breeking free before we could gets galfilm than ton Park Avonue, Edinburgh.

Beltish Concrate Engineering mm) are obtainable from The British Concrete Engineering Co. Ltd., Stafford. Those usually supplied for making bases measure 18 in. x 24 in. (457 x 609 mm) up to 30 in. (782 mm) accuracy of the present is far from universel. And even individual (epade), long shank Round describe the eizes of their hooks in different ways. Two factors effect the eize of the present of the present

available in this country.

They ere called SIAT lines end are one asysting them in a neutral colour; but four of them are also evidence in black as well; tastrength, dlametar for diometor.

They ere lighter, essier to

CREFEL

They ere lighter, essier to

CREFEL

They ere called SIAT lines have properties which will make

They ere lighter, essier to

CREFEL

They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make

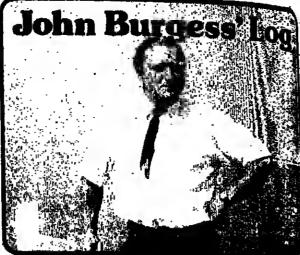
They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make

They ere called SIAT lines have properties which will make properties which will doubtless what size hooks it would be best to use; whether ringed, spade or swivel books would be most sultable; and where we can purchase hooke in wholessle quantities."

It is almost impossible to advise anyone on what size hooks are precisely is to quote both quality and size and where the properties will be will be well ones as event and the only way more likely to csuse snets when lines are being shot when lines are being shot when lines are being shot where the properties will be with the properties will b

FINE nylon monofilement handle, corrosion-proof and them suitable for some eddition for which they will lines for making fishing issa expensive than eteel applications in fishing vessele prove both suitable and an interpretable and an inter



# lines for making fishing issa expensive than eteel lines end nets have been with us for a long time now but, until recently, they heve not been produced in larger diameters for eny purpose — presume bly beceuse of the fairly high cost of nylon. Lately, however, en Itelian firm — Societs Itelians Applicazione Thermoplastic Sn. — has started to produce Isrger diameter lines in quantity end they are now available in this country. They could be used for steel wire in steering they control lines; industry. They could be used for Bowden type control lines; industry. They could be used for steel wire in steering control lines; and if they don't stretch when with terminels as used on esteel cables. And sill devices normally used for steel wire may be used for uncoiling. Applicazione Thermoplastic Sn. — has started to produce Isrger diameter lines in quantity end they are now available in this country. They could be used for steel wire in steering control lines; industry. Ende of the lines can be pleatic and the fishing veesele and the fishing veesele and the fishing veesele and the fishing industry. They could be used for steel wire in steering control lines; industry. Ende of the lines can be pleatic and the fishing veesele and the fishing industry. They could be used for steel wire in steering control lines; industry. Ende of the lines can be pleatic and the fishing veesele and the fishing industry. They could be used for steel wire in steering control lines; industry. They could be used for steel wire in steering control lines; industry. Ende of the slines can to make pot of steel wire in steering control lines; industry. You can cut the lines with a suit lines with a steed of steel wire in steering control lines; industry. You can cut the lines with a suit lines with a steed of steel wire in steering control lines; industry. You can cut the lines with a suit lines with a steed of steel wire in steering control lines; industry. You can cut the lines with a suit lines with a steed of steel wire in st

82 mm) square. ing prawn creels as welt os would serve the same purpose of a hook: ite pettern end the you to make e selection from width of ite gap (distance these. width of ite gap (dietance thess.
bstween point end shank).
Hook sizes of different better for use with longlines

I decided to use the new Na.5 swivel hooks which several of the lerger boats had switched over to, so a basket of new line was made up with 300 of the new hooks and put ebesid with the other eight.

"The next trip was to prove beyond all doubt the value of beyond all doubt the value of the swivel compared with the old fashioned fixed eye hook.

"We had bought pilchards for best and got off just after tunch for grounde south ession the Lizard.

"When we hauled that night we had good fishing

night wa had good fishing right through and, on reaching the basket of line set up with the swivel hooks— which wa hauled last—\*\*

found what seemed to be s conger on nearly every hook. On our raturn, wa tallied out over 200 stone and wished we had had all swivel books throughout the line. This l

Road, Lewisham, London SE 13. Quantity discounts will

Daimar lobster & pravil creat.
Ourliep lifersita & indesbiet Sent
hydrautic eteering par. Felos and
notices anemonaters. Anoder
bisocks winches Catalytis ino fends
bisocks winches Catalytis ino fends
gas hesters. Poly, copa — all mes a
stes. PVC & myon hose
dismaters.
Little Ship paints & militarian
Sociillis devilated hubbits asial. Sois
Sociillis devilated hubbits asial. Sois
nater variet — Cuprino. Base — paint
hitterioris — Cuprino. Base — paint
hitterioris — Cuprino. Base — paint
hitterioris — Cuprino. Base — paint

A spoksemsn for Grimsby skippere plan to fish on until
omers and agents, A. E. Chrietmas from North Below: part of the 100-ton plus
Richardson & Co. Ltd., which
Shields and then come home catch of sprets in the deck skippere plan to fish on until
Chrietmas from North Below: part of the 100-ton plus bas five such vessels in the with their crawe by road for pounds aboard Sementhe st the holidays.

Grimsby lest week.

# FLEETWOOD'S Boston Deep Sea Fisheries branch has atarted a new small boat venture INSTORE THE TWOOD'S Boston Deep Sea Fisheries branch has atarted a new small boat venture THE MAIN shoals of nerth-east sprata remain-ed off the Tyne last week. Sweal of Grimsby's consenting select got in one or wind select got one states in the week. Somathon in fact, was one or limited out for selining but ships a port select got in one or wind select got in one or wind select got in one or wind select got in one

port last waek and is to be two snips to recetwood.

commended by Skipper
Like other compenies,
Mick McDeid.

Dennis Bond, general the Leolendic situation
manager for Boston at and enter quotas on the manager for Boston at and enter quotas on the freetwood, said: "We distant grounds.

lest Friday to eern £9,854.
In fourth place wee the other vessel landing on the minit stern trewler Boston.

See Knight.

the White Sea with 973 kits, including 800 of end and 180 ducks. She grossed and more than 200 of dogs. of Inddocks. She grossed and more than 200 of dogs. of India Wilson.

On the day of London This vessel landed 25 of the large and more than 200 of the large and work for the large formula (Skipper Bill kit. In direct contrast was the

NEAR and middle water transfer transfer transfer to the flag flying at Floctwood last week as only ane distent water vessel inneed.

The result was excellent prices for most fish, with the notable exception of dogs and list behind was the former. The command of Skipper variety in 183 kita which sold for £5,327 — har higgest for £5,327 — har higgest grossing since arriving at the part several years ago.

The former Iriah transfer middle success under the cammand of Skipper variety in 183 kita which sold for £5,327 — har higgest grossing since arriving at the part several years ago.

The former Iriah transfer success under the cammand of Skipper variety in 183 kita which sold for £5,327 — har higgest grossing since arriving at the part several years ago.

The former Iriah transfer success under the cammand of Skipper variety in 183 kita which sold for £5,327 — har higgest grossing since arriving at the part several years ago.

The former Iriah transfer success under the cammand of Skipper variety in 183 kita which sold for £5,327 — har higgest grossing since arriving at the part several years ago.

The result was excellent prices for most fish, with the part several years ago.

List hohind was the former Iriah transfer success under the cammand of Skipper variety in 183 kita which sold for £5,327 — har higgest prossing since arriving at the land of half part several years ago.

notable exception of dogs and lust bohind was the former of Skipper Derek Reader. roker which did not catch the Aherdesn vessel Admiral lier hast trip was no excep-The distant water vessel to laud was Luneda, commanded by Skippor Bill Reoder, which returned from the White Sea with 973 kits, including 800 of cod and 180 the sea with 442 kits from a tion, with the vessel Innding 234 kits (50 of cod, 55 of haddless, 20 of roker, 35 of dogs). The vessel's catch sold for Markets hit their penk on the 19,764 and included: 55 of day she kinded but, with certain white Sea with 973 kits, including 800 of cod and 180 docks. 15 of color 20 of roker. Hawke with 442 kits from a tion, with the vessel landing

It was a good week for the 109ft. London Town, currently having a good run under left in good seam of cod 1025.

# Robt. Watson & Co. Ltd. present | Keep eels for

# 5ed-Mac rising prices



the brand name of the most comprehensive range of garments ever offered to the fishing industry



Trawlerman Bib-Brace Trouser

For further details of this and other protective clothing, please context;

ROBT. WATSON & CO. LTD. 58 RANDOLPH STREET, BUCKHAVEN, FIFE, KYB JAT Telephone: Buckhaven 713419 or 713888

A BLACK AND EDGINGTON GROUP COMPANY

of August, prices stert to above the collar.
rise and that eels Since you can walk on tha delivered from collar, it enables you to walk

another company are type of fish to be kept in it. ewivels — from Sundridge collaborating in producing Depth of netting in an eel Tackle Ltd., 28 Marischer

daliveries of live eels to other to form what you might London from Lough cell the neck of the cege, top Neegh ends ebout the eed rail of which is about 3ft.

September onwerds may around the neck, lean over fetch twice es much as the rall and use a dip net to they would heve done in take fish out of the cage.

I suppose the depth of netthinking of building a large encircled fremes le determined by the depth of water in think that you would be spring."

I suppose the depth of netthink that you would be trap in which I can keep ede until prices rice.

I suppose the depth of netthink that you would be trap in which I can keep ede until prices rice.

9771-TC and/or 9771-2590 entire in the first is until prices rise.

"You mentioned recently that Bridport-Gundry and another common and there common and the common

collaborating in producing Depth of netting in an eel cages for fish farmere. "I should be obliged if you could let me know whether you think one of these would be suitable for storing eels and, if so, send me some information ebout them."

have to be too great to prevent 13. Quantity discounts you leaning over the rail and scooping eels from near the bottom—If such procedure is possible—for transfer to tray cases or boxes.

GEAR AND

MAINTENANCE

formation ebout them."

As Bridgort-Gundry maks In. mesh lent netting in ehests about 15 ft. (4.8 m) designing cages to auit inwides, I should think it dividual fish farmer's representations of the probable that Savack Savines.

Cases or Doxes.

Savack Service Ltd., however, has acquired considerable experience of designing cages to auit inwides, I should think it dividual fish farmer's re-

wlds, I should think it dividual fish farmer's reprobable that Savack Service Ltd., the company with which It is jointly producing case, could design and supply one suitable for your purpose.

Basis component of these cages is the Savack floating collar which consists of a series of floating modules whatever shape of cage is required.

The collar supports square or rectangular frames made of galvanized, steel piping and designing cages to auit individual fish farmer's recently and fish farmer's recently introduced; on a designing cages to auit individual fish farmer's recompany could no doubt make augustical the most suitable size and shape of cage for storing cells close to wherever you catch them if your address an inquiry to its head office and works in Sterite Road, Poole, Dorest.

Dorest.

The collar supports square recently introduced; oages which it bas recently introduced; oages which are smaller than those, designed for use with bloyant walkways.



"TUSKER 33"

A fast G.R.P. sea-going boat

for lobstering/sea angling etc.

Atenderd boat: 18' x 11' Self draining deck. 180 h.p. Sebre desel. 17/18 knots epprox. (Up to 30 knots with twin instelletions).

Two berths, tollet end cooking facilities. Under deck stowege/fish holds. Larger enclosed wheelhouse versions evellable with g.r.p. side decks. A superb craft built to our usual high atsnderd of craftsmenship, reliability and cere for detail.

Cardiff Boat Building Co-Ltd

ROATH BASIN, THE DOCKS, CARDIFF, U.K.

**OVERSEAS AGENTS WANTED** 

Petrol driven 1000 end 800 PSI models eveileble. Prompt

W. J. Reynolds (Equipment) Ltd

Export enquiries welcome. Write or phone

99-105 Leytonetone Roed, Stratford, London E15.

**HYDRO-BLITZ** 

jetstream powar washere

Our 1500 PSI model will deen hulle,

Tel. 01-534 5768/9

E. S. J. Engineering Co.

leisnd Strest, Selcombe, S. Osvan.

Talaphons 2880

decke, rigging end fishrooms. Also removes old peintacele, rust, selt end

oll. Gets your deening jobs done better

ONE FOR MMEDIATE

DELIVERY

Robert Tucke A.R.I.N.A.

Telax Ns. 497181

**ANSAX** 

PROPULSION NOZZLE

THE ANGLO SAXON MARINE

CONSTRUCTION CO. LTD.

England

CONSULT THE EXPERTS

GOODRIDGE AEROQUIP

GOODRIDGE (U.K.) LTD.
Road, Totnes, Devon TQ9 5FJ. Tel. (0803) 862007

**BOAT BUILDING TIMBERS** 

8 auta of Dek, Lergh, Iroko end Dek Crooks ell sewn through end through to eny thicknees.

W. S. BARCHARD & SON LTD.

WEST DOCK STREET, HULL

4 Creechurch Lene

London EC3A 5AY

Telephone 01 283 0188

Telex 8811714 Woodship After Houre 01-584 5708

Aeroquip

Over a thousand

can't be wrong

to choose the

fishermen

December 24/81, 197

**PROCESSING AND MARKETING** 

# Dec. 24-31

# Scots fish

A BREAK-THROUGH into the production of liquid fieh protein is oow at an advanced stoge on Humbereide. for several years liquid fish protein as an animal feed has been assuming growing imperiance in countries like Denmark and liolland where fiehing and farming are major

decks. Modest production would be up to 10-tons daily.

The ldse is to evaluete the viability and potential of the process in practice and, then, it would be decided whether to apply for huiding permission being granted for to apply for huiding permission being stanke on Grimsby fish lan toerset a full-scale plant of Grimshy docks. This, it is largely as holding we would a stimulate similar developments in this sew source of high protein elsswhere, particularly at the receipt manufacture of liquid fish protein and are widely used the mixture odourless.

The main advanteges of the production of liquid fish protein and are widely used the mixture odourless.

The process takes about a three constitution to the site would cause no new entroproduct has a rather pleasent maity teng and looks like hrown greyy, but this may vary according to type of offel used. It stores well, is sasily trensported and once pig hreaders adopt the serious blow of increesed hor. Aid. This agent prevents soilds.

Cosalt maybs on the verge of British fishing.

Director of Planning. William Ferguson, told the inquiry that he had opposed the spolication in his report, hut that the planning complete the pointed to the site would cause no new entropressal for the chemical problems.

The process take on Grimsby fish would cause no new entropressal to to the site would cause no new entropressal to the sastily trensported and part the local fish meal plant.

The end-product has a rather pleasent maity teng and looks like hrown greyy, but this may vary according to type of offel used. It stores well, is assily trensported and nonce pig hreeders adopt the seldem revert to soilds.

Cosalt maybs on the verge of British fishing.

Director of Planning.

William Ferguson, told the inquiry that he had opposed the application in his report, hut that the planning to fish mout that the committee had approved the opplication as it to type of offel used. It stores well, is assily trensported and once pig hreeders adopt the serious biow of increesed hor.

Cosa

The main advantages of the production of ilquid fish Profession of siquid fish production of siquid fish profession over present methods of reducing white fish offsi to meal are the ease of handling the cod-product — and the virtual slimination of any offensive armella.

Ross moves into Kent port

Cosalt's general manager, hir. A. B. Swao, told Fishing News that the plan to manufacture liquid fish products at the quayside at the quayside at stake a firm claim in the stake a firm claim in the stake a firm claim in the south-east's soon he filleted and frozen at valuable and in-valuable, presumably to creasing landings of prime fists, day-old supplies.

ROSS GROUP has and fish products, in this case sithough this is the home of from Lowsstoft, plus prime sithough this is the home of from Lowsstoft, plus prime the Gilsone' cockie husiness, Cardium Shallfish and ports.

However, there is a possibility that local fish may soon he filleted and frozen at whitestable, presumably to whitestable, presumably to creasing landings of prime fists, day-old supplies.

charge

ing to slap a charge on and sprace.

prime flats, day-old auppiles.

There is also easy access to supplies of estuary herring and a 20-ton chiled store, and a 20-ton

There is also easy access to supplies of estuary herring and a 20-ton chilled store, with the surface of the Grime by Fish Merchants Association Ltd., with the south-east still not covered by any producer organisation, the new sat up could have real significance with inshore fish and supplied work they had been pashed as the sustantian to the council saying that they had been pashed wilten to the council saying that they had been pashed work thrust upon them.

Mr. Beeken said he was hopeful that the Council will act as distribution removes that the council will act as distribution removes that the satisface and removes the matter.

There is also easy access to sund a 20-ton chilled store, who and a 20-ton chilled store, and a substitute and sprace.

Roas has had a depot at Maidstone, the county town in freezers and a hand filleting firezers and a hand filleting slongstore the county town in freezers and a hand filleting slongstore the substitute and she was been limited. But with the south-east atill not move is local fisherman and owns the port's biggest and owns the port's bi

A DECISION by o fish processing firm not to attend or he represented at a planning inquiry into its application for a plant et Arbroeth, Scotland; has been described as 'unusuel end unfortunate' by Inquiry Reporter, Arthur Jomes Hunt.

The inquiry held last week in Arisroath Library — was called by the Secretary of State for Scotland to settle a that he would be viewing the clash hetween Angus District property at West Nowgate Council, which approved the application, and local dings known. illents who apposed it.

The firm, R. R. Spink & Snn, had hoped to open n fieh princoesing plont at 12/14 West Newgate to expand its prosent husiness of Sengate. It had informed the district conneil that it intended to fillet and skin fish at West

approved the opplication as it approved the opplication as it would help to keep the local fish industry going after the serious blow of increesed horner charges.

In that the committee had representetives.

Courses can be ataged either in Landon or on the clients' promises and coet around £100.

William Ferguson, told the inquiry that he had opposed the application in his report, but that the planning com-

**Way into** export

selling

Details can be obtained from: Mr. F. O. Marsh. Frozen Foods Link, 53a

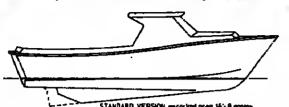
oon hold liquid fish.

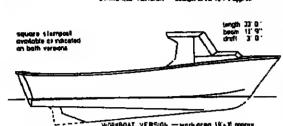
# minimal and confined largely to various enthusiaetic research establishment applications this could change if permission for a pit schame is granted to the filing industry. As usual, it has planesed socree of ser ideas of henefit to the large into this project very broughly and is now only valing for the go-ahead from figured Brook and the British Transport and the British Transp





Moulded in GRP under ideal conditions to exacting standards, the Lochin "33" huii and superstructures are truly versatile.





Designer: Robert Tucker, A.R.I.N.A. BARE HULL WEIGHT: 2,300 lbs. Approx.

Part fitting out evaileble. Deteils on request 48 SHOWN AT CATCH '75.

FAST . STABLE . SEAWORTHY

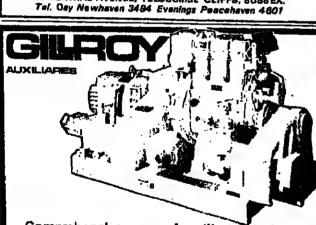
The choice of professionsis who know the sss and damand the best.

Traw



Hydreuild or belt drive. Stendard drum cepacity 120 lethome of 11 in. wire. Larger capacity drums made to order Suitable for boets 25ft, upwarde.

Details from LESLIE G. MORRIS 40 CENTRAL AVENUE, TELSCOMBE CLIFFS, 8USSEX.



Comprehensive rangs of suxiliaries designed and built to sult individual requirements.

> Wilmer Engineering Services (Aberdeen) Ltd. Craigshaw Road West Tullos Aberdeen



PLASTIC SLEEVING & HOOKS

HYDRAULIC RESERVOIRS



SPENCER-CARTER KERNICK ROAD, PENRYN, CORNWALL

Telephone: Penryn (0326) 73423. Tales: 45488

FOR MACKEREL

LOSSTER PDTS Moulded in Polypropylene giving a very tough pot. Detachable base for interstacking during carriage.

Available ex-stock[][] et £4.20 + VAT & Carriage Finedon Station Road, Finedon Wellingborough, Narthants,

For deliveries in treased contact: Constal Heilders Marine, that was see Co. Cott. Tell Leap (1).

TYPE 5A WATERTIGHT

ALEXANDER NOBLE & SONS LTD. BOATBUILDERS - GIRVAN Quotations and designs for new vessels --- repairs on our own

of mechinery installed.

TEL: GIRVAN 2223



Mouidings Ltd.

 Klin dried end mechined Yeng Decking. Complete aeta Oek fremee bevel eewo to your patiens Delivery to eli perta Scotlend, Englend end Iraland. Delo epruse polee for derricks et

Price from £1,760+VAT

8.75 h.p. engine

Tel: Hull 0482-25588 (5 fines) FISHERMEN'S MISSION

slipways up to 150 tons — ell types

WAYDON

24v, 110v, 220v A.C. volteges 115v. 24Ov, 50/6D cycles Send for cetalogue: Dept. IN, SONDIA LIGHTING LTD., 45 PORTLAND PLACE, HULL, HU2 8QP Telephons: 0482 223353 Menufecturers of Merine Lighting Fittings

SERVING and CARING For Shipwrecked, Sick, Distressed, Disabled, Retired and Sea Going Fishermen Children

their Wives, Widows and THIS IS OUR BUSINESS Will you share in this ministry by

sending a generous donation to Royal National Mission to Deep Sea. Fishermen

43 Nottinghem Place, London W1M 4BX Chairman: Admiral Bir Cheries Madden, St., G.C.S., D.L. Secretary: J. C. Lewis Esq., O.S.E., J.P., F.C. B.



For further details write to:



Top: leed whiting taid out in Constant Friend's flahroom.

Abova: the Merstone Fibraboard kits are specially shaped so that they stack firmly and howes cannot fall less the ones.

The difference in the Continues of the Continue

Non

Returnable

Fish Box

plants, or to Continental outlets.

case when stacked.

The Merstone-4

The Marstons - 4 is a general purpose open-topped fish box for transporting 4 stone of horring or small fish from the port of landing to other merkets and processing

It is manufactured from 'Pechyderm', e high quality polythena costad waterproof

solid fibreboard. Size 26% x 14% x 5%", 1672 x 375 x 150 mm.), the trisngulated side flenges and sheped corner posts ere designed to give cerrying and stacking

strength. The wadge shape prevents the upper cess from slipping into the lower

quayside end has the advantage over the conventional returnable fish box of

reducing the costs of losses, repairs, cleaning and transportation,

**DRG Merton Packaging** 

(R.) HRG Paragog Ltd , A Diskinson Redonasi Courp Company

1 Merton High St. London SW19 1DC Tel. 01 540 9289

The Merstone - 4 has successfully provided a means of landing fish directly onto the

# dustry facing ever increasing costs, fishermen and buyers are considering the use of non-returnable containing. They could be tainers. They could be

used for boxing catches at sea and transporting tablished wooden box.

Messuring 672 x 375 x fresh fish on ice to the processor or other a capacity for four etonss of

Now boxing-at-sea trisle The box is wedge-shaped to ere taking place with a prevant the upper box from specially developed slipping into the lower one fibreboard container.

The majority of fishermen atill usa traditional woodan boxee for boxing catches at aea and they pay a hire charge to salesmen. However, the loss of boxes is contained.

Support into the lower one when they ere stacked and it has girder-type side flanges and shaped corner posts to give stacking and carrying strength.

Like the emailer Merton populational and shaped corner posts to give stacking and carrying strength.

the loss of boxes is so exten- non-returnable boxes already alva thet in order to recoup in wide usa emong fish some of the expense the hire marchants, the new box is cherge hes to be high.

Buyers, too, are faced with the loss problem and they elso hava to pay heavy return

marchants, the new dox is made from 'Pachyderm', a specially treated solid fibreboard coated on both sides with polythene. It is transport costs for ampty supplied es e single pieca of flat bosrd raady for folding About a year ago tha South and elotting Into shapa.

based firm of DRG Merton Packaging was asked A number of inshore boats have used the boxes during by e fisherman's sesociation short trips of a day or so, but if it could dasign a non-tha makers say that the use of returnable container for box-tha box at saa is still very ing catches at sea. At the much in the experimental aama time the firm was eparatime the firm was eparatime the firm was eparatime the firm was eparatime stages.

Saa trials with the box are

to produce e non-returnable under way in Scotland and box to carry fresh herring many fisherman sre showing fillate under ice to the Continerest.

For boats landing off at a number of ports, the non-returnable container could

Constant Friend. it is open-topped and bes-

"Although it is early yet to come to any firm conclusions about the value of using these hoxes, we do know they have hoxee, we do know they have marchant, John Handry, is stitching or elotting together excellent fish kaeping qualities," Skipper Tony Rae told Fishing News. "Insula-mackerel, sole and haddock About four years ago continuous and haddock and coley, who had developed Webster Lock.

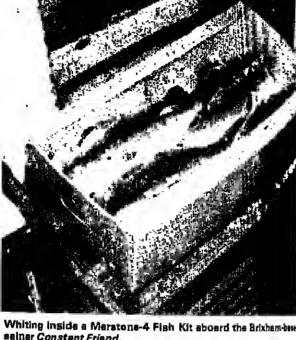
About four years ago continuous and haddock and had qualities," Skipper Tony Rae told Fishing News, "Insula-tion is good and the fish do not move around in the box-

So far there has been no big difference in the price paid for the fish, said Skipper Rae.
Ha la also dubious about the Like also dubious about the DRG Marton Peckeging ability of tha boxes to take DRG Merton Peckeging four-stone of fish. Using hee baan making small whiting with a good eprinkl-capecity fibraboard boxes for ing of ice, wa find they are taking just over the thractone mark, ha added.

The stone mark, ha added.

about ten yeers, and its range of 1, 1, 2, 3 and 4-stone non-returneble boxes are in

There seems to be little general use among fish oubt about the strength of merchants in the UK and on doubt about the strength of tha box. In an expariment tha Continent.



sainer Constant Friend.

At present the box is gaining mora genaral acceptance Alraady Frasarburgh assembly into boxes b

under ica on lorries to Billingsgata end Manchestar markete. Other marchants ara making eerlous anquiries

Boxes are also available with epacially shaped drainage holes to allow excess moisture to ascape as the ice

capecity fibraboard boxes for raturneble boxes are in metarial is the use of a brilliant white polythene coating which anhaoces it

For boats landing off at a polythene surfaces and force

Flat, cut and creesed sheet to marchants ready for

> pisce box was introduced which can be folded into shape from a single piece of

> In 1972 an upgraded fibreboerd named Pechyderm II' wes in-troduced, Main feeture of this

# abourd Constant Friend one The fibreboard is epacielly eppearance when box used three times were still treeted so that moisture can with the merchant's come the end graphic design. not work between the end graphic design. Scotland plans

SCOTLAND is georing up for the extensive use of plastic fish hoxes.

A staoring committee consisting of representetives of fishermon, fish sniosmen, merchants end transport operators has not advisory service will be available for consultation with committee.

A apokeamen for the wfA's advisory has started work on prepering information of the choice of box design and ell systems for othe troi of the distribution and recovery of boxes for meeting in January. That sideration.

sniosmon, merchants end transport operators have boon set up to eocelerate and co-ordinate the introduction of plestic fish boxes into the loshore industry.

A mooting wos convened enrilor this month at Aberdeen hy the White Fish Authority and Mr. J. R. D. Murray, secretary, agreed to act as the committee the the committee's france on a visit spon was expected that they prepare plans for a single the delegation. In Octoher's party of in

# NON-RETURN KITGIVE US A CALL WHEN

As any fisherman worth his salt will tell you the job has just started when the catch is in.

And that's where we start.

We provide an impressive list of services, both to professional trawler operators and to fish wholesalers and distributors.

We operate a total of twelve cold stores throughout Britain, seven with fish freezing facilities, from Inverness to Lowestoft.

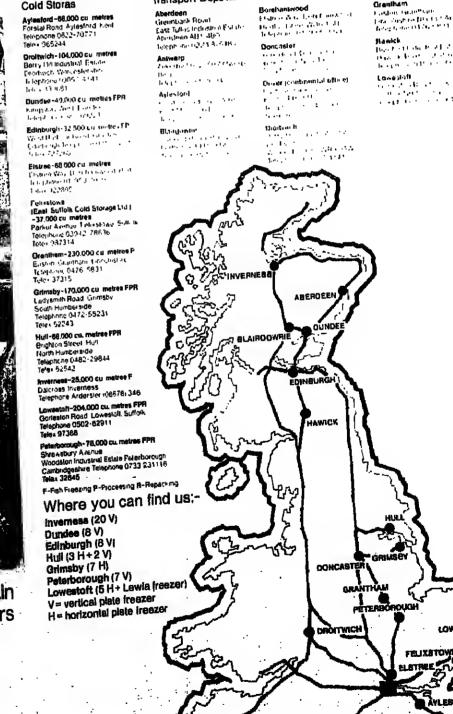


No other public cold storage company in I has facilities as extensive as ours, 60 plate freezers and more than 1.2 million cubic metres of cold storage. We can do bulk freezing in vertical or horizontal plate freezers, produce packs ranging from 5lb to 14lbs, and single freezing if required. Don't hesitate to ask us about other ancillary services you may require, such as block cutting, grading and breading.

We realise quantity is not everything, which is why we provide a top quality service producing a top quality product monitored by our trained quality control staff.

And that doesn't just go for freezing and storage. We will take your products using our own refrigerated fleet of over 400 vehicles throughout the U.K. and Europe, and deliver them just where you want them.

All you have to do is tell us where to go, and like so many of our services, each distribution operation is tailor-made to your needs.





Christian Salvesen (Cold Storage) Ltd.

\*HEADOFFICE BO BAST FETTES AVENUE EDINBURGH: TEL: 081-8527:101 TELEXNO 7222

October 1, 1976

FRIERS, institutional led to distortion of the fish caterers and major and deterioration during processors are all thawing. They were then showing increasing in- laboriously filleted by hand, terest in the possible exploitation of blue whiting an analymmeter by hand, re-frozen in 5 and 7ib. shatter-parks and stored for severel months. showing increasing inwhiting as a partial fish were not graded at ees, replacement for the there was a wide aize variamore traditional tion efter filleting which gave species, particularly rise to some problams.

The fish is found close to nur own shores in the spring end there is growing evidence that eignificant catches can also be taken on mare distant grounds at other times of the

One factor which makea hlue whiting such an obvioua difference. But there is more to acceptability than taste.

As the success or failure af were carried out at hospitala the UK hlue whiting in Wolverhampton, Birprogramme will ultimately kneud mon the housewife. the White Fish Authority (assisted by marketing con-sultants David Elllott and Associates), began n series of neceptability trials in 1975 to find out what she thinks about this new species.

The blue whiting used for all frozen et sea during the April 1975 explaratory voyage of tha stern trewlar Arctic Privateer. The fillets obtnined were nat af prime ond equipment not designed

A preliminary trial st

Billingsgate markat in May unsuitability of gutted whole blue whiting for the fishmonger's slab. It was, therefore, decided to concantrete on investigating the acceptability of the filleted fish for the fish frier and for institutional catering use, and nlso carry out tests using a large number of randomlychosen housewivea as tasters.

The tirat institutional trials were carried out at hospitala mingham, Sunderland and appeared on the staff dining

The fillets, weighing about 65g each, were deep fried in battor and, in one hospitel, two fillete per portion were served. The price cherged was the same as for cod.

The bluc whiting was reedily accepted end nu some remarka about the small size of the fillets and their off-white calour before into 10cm thick blocks, which cooking, tha kitchen staff

were equally satisfied with

the trials was to obtain objective data on the arceptability

The National Fe

Reaction from the school

from the kitchen staff concer- will and most of the friere The trial is now being conning the small size of the reported that hive whiting tillets and accoming the small size of the reported that hive whiting tillets and accoming the small size of the reported that hive whiting tillets and accoming the small size of the reported that hive whiting tillets and accoming the small size of the reported that hive whiting tillets and accoming the small size of the reported that hive whiting tillets and accoming the small size of the reported that hive whiting tillets and accoming to the small size of the reported that hive whiting tillets and accoming the small size of the reported that hive whiting tillets and accoming the small size of the small

The National Federation of skin. Newcastle in September and October 1975. At each hospital, blue whiting as rompered in the strong interest in blue whiting blue whiting as also acceptable with cod when served in the strong interest in blue whiting blue whiting is also acceptable and seven members of its extraction. So, there is no doubt that who regularly be strong interest in blue whiting is also acceptable and seven members of its extraction. ecutive council (with shops in that a trade can be developed, and shallow field

quelity, chiefly bacause the adversa commenta were fillets and, occasionally, was enthusiastically received fillets, using the largest grade apinion of the fish were handled by methoda raceived. Also, apart from about the presence of bones by their customers when sold aveilable in quantity (60- whiting after the about the presence of bones by their customers when sold aveilable in quantity (60- whiting after the from the doreal fins.

Although it would be premature to draw firm conclusions regarding rommer
of the prize of the shops now rent of the shops now rent of the shops now rent of the shops now report a steady trade, amount thought it was also clusions regarding rommer
of the trial sales elowed raw fillets at a retail value of the trial sales elowed.

cial practicability, it can be down somewhat, some regular around 200 release 1976, therefore, a second the fish.

Following the hospital teste, more comprehensive trials involving four schools in the Cambridge and Lincoln are as commenced in possible and well-greded to February 1976. The sim of ensure the maintenance of a the trials was to obtain chief.

For each that blue whiting adwing some regular trade had developed.

The main reason given for the decline in trade was that the remaining fillets were to the remaining fillets were held when served.

In parallel to the teste were held when served.

In parallel to the teste were held trade was that the remaining fillets were to the fillets are as bone-free as although some friers overselved.

In parallel to the teste were held the trade was that the remaining fillets were to out in Birming the London sed trade whiting from the Shemara although some friers overselved.

In parallel to the teste were held the trade was that the remaining fillets were held the remaining fillets were held the developed.

In parallel to the teste were held the developed.

In parallel to the teste were held the maintenance of a test, hell trade was thet the remaining fillets were held the developed.

In parallel to the teste were held the developed.

In parallel to the teste were held the maintenance of a test, hell trade was thet the teste were held the maintenance of a test, hell trade was the tests, hell trade were held the maintenance of a test when served.

In parallel to the teste were held the maintenance of a test, hell trade was the tests, hell trade when served.

In parallel to the teste were held the maintenance of a test the developed.

In parallel to the teste were held the maintenance of a test the decline in trade was thet tests, hell trade was the tests, hell trade was tests, h

Wherees the 1975 catch shoerd Arctic Privoteer was i fozen whole at sea, the fish from the 1976 voyages were I landed at Stornoway boxed in A ice, or stowed in chilled sea-Cheshiro, Durham, especially in those shops The order of physical weter containers. By Glamorgan, Lancashire, traditionally selling smaller rotated and separate eliminating the necessity for Northampton and Staf-portions. However, the future appearance, flat and initial freezing at sea before

fillet is an important factor influencing consumer choice, the 200 housewives taking part io each test were first

supermarket-type packs.
They were then asked to taste two samples of the fish, good, and IL ast one grilled and one fried, each per cent said it and testing being followed by in-Thus, 94 per of the terviewe to determine their thought it was fur to houghts about taste, texture, plour, likee and dielikes, and good to say about if likelihood to purchase.

per cent said it and

housewives

the south then in the north. Of the Brietol housewives 30 ed blue withing and the eppearence was very good, 51 encouraging. with the eppearence was very good, 51 encouraging and a further 14 per cent reted it as fair. Only 6 per cent gave an

leter esked hor list en would be to buy he king from the fishment the

-46 per cent held an opinion raw state.

rent saying it was not very tirlunrly when coated with good, and less than one per bread crumbs. the 200 housewives taking cent poor or very poor.

part io each test were first saked to view blue whiting fillete rew on ice and raw in supermarket-type packs.

good, and less than one per breed crumbs.

Freezing and parknging does alleviate some of the intial appearance problems, and rrumbing the fillets fair to excellent range.

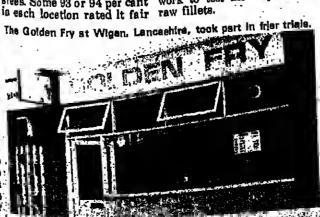
> each of the housewives interviewed was then asked if firm and whiter tillet. Trials they would buy blue with these products will be whiting wet from the carried out in the near future. fishinonger end/or frozen from the supermarket.
> The results were slightly Fingers

The visual reception to the less encouraging than those tew fillets wes better in obtained during the first tests, with 33 per cent saying they would definitely huy the ed blue whiting sisting per cent thought the fish wet from the fishmonger and 39.7 per cent saying they probably would. Similarly, 19 per cent said they would definitely buy blue whiting definitely buy blue whiting hathough machinery is befrozen and 23 per cent thought that they probably

> In Manchester, 47 per cent of the housewivee rated the spnaarance of the housewive rated the eppearance as quite "better than axpected" are ble and small — so small as to ble and small —

of not very good/poor and only 31 per cent found it very good or good.

When asked their overall opinion of the fried blue tive raw block fillet can be different areas of the UK in produced which will appeal to produced which will appeal to there was very little difference between the thrae therefore, to continue with its blue whiting plnbones could be detected, (ii) the influence work to test the response to of the bones, and (ill) the lift to the total the response to the tive raw block fillet can be different areas of the UK in produced which will appeal to the tive raw block fillet can be different areas of the UK in the produced which will appeal to the tive raw block fillet can be different areas of the UK in the produced which will appeal to the tive raw block fillet can be different areas of the UK in the produced which will appeal to the tive raw block fillet can be different areas of the UK in the produced which will appeal to the tive raw block fillet can be different areas of the UK in the produced which will appeal to the tive raw block fillet can be different areas of the UK in the produced which will appeal to the tive raw block fillet can be different areas of the UK in the produced which will appeal to the tive raw block fillet can be series of hall tests in three tive raw block fillet can be different areas of the UK in the produced which will appeal to the tive raw block fillet can be series of the UK in the produced which will appeal to the tive raw block fillet can be series of the UK in the produced which will appeal to the tive raw block fillet can be series of the UK in the produced which will appeal to the tive raw block fillet can be series of the UK in the produced which will appeal to the tive raw block fillet can be series of the UK in the produced which will appeal to the tive raw block fillet can be series of the UK in the produced which Brees. Some 93 or 94 per cant work to test the response



Based on the high arrep- whiting fish fingers without in the blue whiting

whiting fish fingers with pin-

hones while, rather sur-

prisingly, three per cent

noticed bones in the commer-

In all cases the hones found

As in the previous tests, tage of covering the darker tage of the housewives inter-

So, although a freeh fillet of the pinbones without distributions does assume a proportionete loss of yield may prove to be difficult. very good or poor.

Clasgow housewives were more critical than the others

46 per cent held as not anewstee the problem that inclination to purchese bones in fish portions is continued to the fish in the with fish fingers, children appearance of the fish in the

dapandent groups of 198

was thet less than half af the housewives given the second and third tests could correctly differentiete hetween cod and bluc whiting fish fingera. This may help to explein that, although there was a reference for the commerial fingers, the blue whiting ingers were acldom commented upon in a negative manner. They were generally

well liked. There is little doubt that with better ratching and onhoard handling techniques, and improved mechanical proressing methods, hlue whiting laminnted blocks of commercial quality can be produced. When this is nchieved it is then up to the major processors to take up the challenge of marketing

Given a positive approach. there is no reason why blue whiting fish fingers should become as papular with the children of tomorrow as cod fingers are today.

After these trials, it is rlear that blue whiting is acrep-table to the British consumer, both in fillet form and as fish fingers, but that there is still room for improvement in quality, grading for fillet size

The WFA is, therefore, to Handren wes obtained by eerving deep fried-skin-on filleta and checking the amount of fish returned unesten. Results were very favoursble, with a majority of servings heing completely eaten. The only acoverse comments were only acoverse comments were only acoverse comments were from the kitchen staff concertion, the first and the price at which they are not very favours fish fingers without the fish were gutted and hand fingers with the fish were gutted and hand for the appearance, favours the future of the fish were gutted and hand for the cycletre with the fish were gutted and hand for the provision of gradent for the fish were gutted and hand for the cycletre with the fish were gutted and hand for the cycletre with the fish were gutted and hand for mora blow whiting the necessity for cooked him appearance, favours the future of the fish were gutted and hand for mora blow whiting the necessity for cooked him appearance of the fish were gutted and hand for mora blow whiting shift freezing at sea before the fish were gutted and hand for mora blow whiting the necessity for cooked him appearance, favours the future of the fish were gutted and hand fingers with the fish were gutted and hand for mora blow whiting and together with the fish were gutted and hand for mora blow whiting shift freezing at sea before the fish were gutted and hand for mora blow whiting shift freezing at sea before and checking the amount of file appearance, favours the future of the fish were gutted and hand for mora blow whiting shift freezing at sea before and checking the necessity for cooked him appearance, favours the future of the fish were gutted and hand fingers with the fish were gutted and hand for the cycletre with the fish were gutted and hand for mora blow whiting shift freezing at sea before and the provision of gradent to question to question to question of the table and the provision of gradent to question to g pinbone removal in the and fingers with similar cod processing equipment products, it is to develop currently being developed, suitable forms of frozen Further trials in school meals presentation (such as breaded block fillets or gaujon style are planned to substantiate fillets) for sale through super-

# ELECO MANCE BUCH VALED ASTROPOR

CONSISTANT CHILLED CONDITIONS IN THE FISH HOLD

ALL THE YEAR ROUND WHATEVER THE WEATHER WHATEVER THE CATCH WHATEVER THE DURATION OF THE TRIP

CUT YOUR ICE BILL BY AS MUCH AS 40% KEEP YOUR CATCH AT THE IDEAL TEMPERATURE GET THE BEST PRICE IN THE MARKET

IF YOU HAVE DIFFICULTY IN OBTAINING HIGH. QUALITY FLAKE ICE WE CAN SOLVE YOUR PROBLEM WITH A PROMAC FLAKE ICE MACHINE

FULL DETAILS PHONE GERRY MONAGHAN (REVERSING CHARGES) OR WRITE TO:

# MOREP LIMITED

LUDDENDEN CHAMBERS, NEW ROAD, LUDDENDEN NEAR HALIFAX, WEST YORKSHIRE HX2 6RA TEL: CALDER VALLEY (042283) 2721 (3 lines) TELEX: CHAMCOM HUDDS, 51458 FOR MOREP. CABLES: MOREP, HALIFAX.

Sole agents for PROMAC NEDERLAND BY in the UK



46.7 per cent said is definitely buy the from the fishmoner is Abova: a housewife teates fried and grilled blue whiting fillets during s WFA per cent thought the probably buy. One ill wahall test. Of the 1,200 housewives who have tasted the fish to date, over 90 par cent rated it fair to excallant. Below: blue whiting fingers being tasted.



FISH HANDLING, processing and nearly bling

Another product which has undergone rerent acceptability trials is the hlue whiting fish finger — s product which

ing developed to produce single ekinless fillets for inated blocks, removal of form a major proportion of

As part of its on-going conblue whiting Dimonstrates
be detected, (ii) the influence
of the bones, and (ill) the
overall acceptability of the
fich fingers. The trials were
carried out in Birmingham,
Edinburgh and Greater London in late 1976, using a total
of 594 housewives in three independent groups of 198

each.
In the first test in each hall, blue whitting fish fingers with pinbonee were compared with blus whiting fingers without pinbones. In the second test, blus whiting fish fingers with pinbones were compared with commarcial cod fish fingers. And, in the final test, blue



December 24/31, 1978

END OF BAIT

BRIBERY'?

LOBSTER and crab

Inharmen everywhere asem to have a problem with built

or cether with the link

between the fisherman and the buyer who elso supplies

All too often this con

become a means of 'por-

resding Rehermen to accept a

least piles, or find his belt

This can give fishermen a lot

One exhibitor, et the

imerican Fish Expo in Boston,

school he has the enower with

formulated beit pasts based

m herring contained in a per-

brated pleetlo container.

before, of course, but with e

same like Fineet-Kind Beit

Division of Seapro Inc., thia

Asked what tests had been

un, the firm replied thet it

prefers to use the experience of

STRONG

PALLET

hemed pallet.

ideal for stacking fish boxes

commercial fisherman who, it

d ime-consuming problems.

## **COLD STORE** CLOTHING

Aveilable from stock: 2-piece nylon Cold Store Sults. Boot Hose, Woollen Mittens, Leather Mittens, Guernseys, Cold Store Boots, Donkey Jackets Nylon Cold Store Coals, **Duffle Coats, Cold Store Hats.** 

Further details write to: Wholesale Clothing Dept. et

COBALT LIMITED . FISH OOCK ROAD GRIMSOY . S. HUMBERSIDE TELEPHONE: 86667

## Make the grade with MOBA



The F.F.70 machino illustrated above has capacitles of 2,890, 3,500 or 4,200 per hour, with or without feed

Our range of ginders have copacities from 1,200-24,000

For further information -- give us a call:

Mobe B. V. [United Kingdom] Ltd. Rosehill Industrial Estate. Tein Hill, Market Diayton, Shropshire. Tel: Teco Hill 461/2, Tolex: 35116.

COMPLETE WITH AUTOSMOKE AUTOMATIC SMOKE PRODUCER



CONVEYORS, FOOD PROCESSING and HANDLING

Enquiries:

Victoria Light Engineering Co. Ltd. 31 Froghall Road, Aberdeen Tolephone: 571794

JANS PRINS-ZEEUWSCHE BANIER B.V.

YERSEKE, HOLLAND.

Dealers in Shellfish and Canned Fish

Telex 55176, Tel. 01131-1321.

## FISH HANDLING, processing and marketing

crabs are now being vacuum-packed for export to Sweden et the Newlyn, Cornwall, plant of W. Harvey and

four to five weeks when held at a temperature of 34 deg.F, or they can be deen from The Survival.

The Swedes demand only hen craba which are carrying 10e or coral. This huilds up from August through to December and, so, fishing time for this market is

Harvey can concentrate on enck craba during the rest of the year and they, too, are acultini-packed and deeplillingsgate and Birmingham holeaele marketa.

After cooking the crahe in e normal monner, they are ndividually wrapped in bleeched microcreped paper. The orabs are next placed nta Resinite nylonpolyethylene pouches to which sulted water is added.

## Absorbed

In the vucuum packing ruress, the salled water is compressed or absorbed into the flesh of the crab. As a result, the crab ment remains

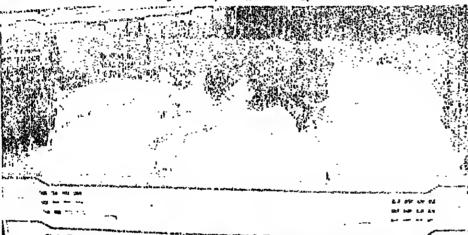
chamber vacuum packer with be funded in one of the chambers while the bugged eachs in the other side are he ing evacuated and seited. This gives an output of four ctalia every few seconds.

After vacuum packing, the crabs are passed through a pastomising tank where the temperature is held at 80 deg.C. This process ensures the four to live weeks fresh life required by the Swedish importers. The crabs are now ready for final packaging and are hoxed into 10 kilo carlons for clespatch.

W. Harvey & Sous has dealt in live shellfish and cuaked ciabs for over 50



A Multivne dutible. Above: crebs being packed into nylon-polyothylane pouches on the Multivne double-chamber transport vacuum packer with machine et Harveys of Newlyn. Below: fresh cooked crebs in the vacuum packe which give them swing lid enables four crabs to a four-to-five week life at 34 dag. F. They can also be deep frozen.



The machine, made by the tractively, which specialises in block processors.

livered and hackbone are manufactures a wide range of fillets joined down the back. It is therefore necessary to remove the first products. Some of the first products and will ourn any kind of fine sowdust. This is fed into a hopper and a continuous running turntable discharges the processing industry.

Some of the first products and will ourn any kind of fine is the first popular. Various in types of conveyors for use in hopper and a continuous running turntable discharges the sawdust to the firebox.

A typical middle fine is the first products and will ourn any kind of fine is the first popular. Various is the most popular. Various is the most popular. Various and will ourn any kind of fine is the most popular. Various is the most popular types of conveyors for use in the first products and the first products are conveyed in the first products and the first products are conveyed to the first products and the first products are conveyed to the fi It is therefore necessary to remove the fins before proporting the fillet.

Some of the first products from the firm included the linning machines and also Similar

The finning machine was filleling conveyors, but the invented in the 1940s by a Mr. scope was later widened to inthe finning machine was filleling conveyors, but the The amount of sawdust beed fish are fed on to the supply
invented in the 1940s by a Mr. scope was later widened to inthe finning machine was filleling conveyors, but the
The amount of sawdust beed fish are fed on to the supply
ing discharged can be belt, from which a fillelar will
be the first the first business of the fillelar will
the filleling conveyors, but the supply
invented in the 1940s by a Mr. scope was later widened to inthe filleling conveyors, but the
The amount of sawdust beed fish are fed on to the supply
the filleling conveyors, but the
Campbell of Alterdeen and clude the well known Turry
the filleling conveyors, but the supply
the filleling conveyors the supply
the filleling conveyors the supply
the filleling conveyors the Campbell of Aberdeen and, clude the well known Torry buter. Victorio Light smoking kiln.
Engineering designed its two. The bulk of the firm's

which has an adjustable guide In the early 1970s the firm Helf-way through the sions.

smaller fish to be served at- titted at one end of the kiln remainder.

became popular in Scotland, Iroland and interest is also However, the hearths were air entering the sparticularly of Aberdeen being shown by Humberside bulky and wasteful on any thermustatically-controlled dust.

Lained within the machine, developed by Aberdeen's trollies of fish in the horizon-with a pulley and Vec-belt Torry Research Station which still holds the patent, latt Victoria Light Engineering is the sole manufecturer in Scotland.

The Cutting hiads is presented to the fish through in stati in the stainless ateel lid.

The Cutting hiads is the sole manufecturer in Scotland.

The Corry kiln was oir is blown by fan over the etc. The box and stainless of fish in the horizon-trained trollies of fish in the horizon-trained trollies of fish in the horizon-trained.

Some smoke escapea up a products in the galvanised chinney, but the rest circulates and stainless etes guttenting to the first trollies of fish in the horizon-trained.

Some smoke escapea up a chinney, but the rest circulates and stainless etes guttenting tables eupplied in fist-trained within the horizon-trained trollies of fish in the horizon-trained and atainless etes guttenting to the first trollies of fish in the horizon-trained and trollies of fish in the horizon-trained trollies of fish in the horizon-trained and trollies of fish in the horizon-trained and trollies of fish in the horizon-trained and trainless etes guttenting trollies of fish in the horizon-trained and trainless etes guttenting trained and trainless etes guttenting trained

SOME 500 fish finning machines made by an Aberdeen firm ere now in use at UK fish fectories.

In a vary the width of the slot. developed and patented the smaking process, the trollies and Adomnoke, which replaces the interchanged the original hearths in which preciating the advantages of the smake was produced. These hearths had been smaller lish to be saved at the smake was produced.

These hearths had been more rapidly than the smaller lish to be saved at the smaller lish are interchanged.

and the smoke produced from The humidity of the were Victoria Light Engineering There is now a big market fires burning wood sawdust smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering There is now a big market fires burning wood sawdust smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering The humidity of the smoke produced from the humidity of the smoke produced from the humidity of the smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering There is now a big market fires burning wood sawdust smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering The humidity of the smoke produced from the humidity of the smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering There is now a big market fires burning wood sawdust smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering There is now a big market fires burning wood sawdust smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering There is now a big market fires burning wood sawdust smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering There is now a big market fire burning wood sawdust smoke is controlled by schoratine popular in Scotland, particularly at Aberdeen Light Engineering There is now a big market fire burning wood sawdust smoke is controlled by schoratine particularly at the same particularly at the s

whiting.

A cut made behind the fish bend is continued down either side of the backhone so that light and bookbase and boo

A typical mudel is the boxrecycling type of filleting conveyor. Plastic boxas of wash-

Engineering designed its own version. It has become the lift's higgest manufacturer of timning machines.

The final seed which is galvanised to prevent carrosian. A the simple-phase motor is contained within the machine, with a malar to prevent carrosian. A the simple phase motor is contained within the machine, with a malar to products have been supplied to the Scuttish and English markets but, recently, there have been inquiries for the Torry kila was lieveluped by Aberdeen's trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is then reedy for trollies of 6th in the box is the fish from and so allows the mount of snock passing into the kiln to be indicated by the fillets tha fish from and so allows the nmount of snock passing into the kiln to be indicated by the fillets tha fish from and so allows the nmount of snock passing into the kiln to be indicated by the fillets tha fish from and so allows the nmount of snock passing into the kiln to the kiln the indicate the fillets tha fish fillets the fillets tha fish from and so allows the nmount of snock passing into the kiln to the kiln this box, he places the fillets tha fish fillets tha fish from and so allows the nmount of snock passing into the kiln to the kiln the box in the fillets tha fish from and so allows the nmount of snock passing into the kiln to the kiln to the kiln

fresh smoke and more eir. topped or dipped top yer-

## FISH HANDLING, processing and marketing FLY FISH

WITH shellfleh and prime flate valuable enough to warrent oir transport, wa could pick up a few tipe from experte in piecee like Maesechuestte and Nove

fraighting chalifish to Europa for years and they use strong, corrugated contelness lined with expanded polystyrans which take up to 60lb. of livs loboters. The type TP2 la

Tech Pek Inc., Maacachusetts 'rs-usable ics' gel pecke which proper cooking instructions, long periods on-shore and can be pre-frozen and packed both for the benefit of the alleged cargo valued. ith the lobsters in place of

o, so sliminnting mait watsi.
And hole's an idea — opsolol CONTAINER small packs which enable pao-ple to take home live lobaters FISH STORE from the cosst - even by sir, HALL-Thermotank of Dart-

Teck Puk's lobster packs can

craft east! There la siso a vereatile refrigareted special pack for road haulege. transport container system. If anyono doca adopt the II con stors frozon fial el taks-home ides, how shout almost any temperature for lobster and the consumar?

Holltherm Unicore, la modular so an entils plant can he mov-

# Wa've seen synthetic balts Tubs of American

ssys, same beak for more. But a would be happy to let a will not rot, werp or split. They diffen shellfish isboietory run do not ebeorb water and ra main constant in weight.

The belt comes in five-gellon Using the thermoforming pastic tube and la cleimed to process, the need for skinonoly May effective twice os long so monido is oliminated oo the etural balt — and to cost loss. pellets can be tallor-medo to Sterege lifs is unlimited as quatomor requirements. They manti-oxydeat has bosn edd- are avoilable with non-elly our ed, and the makere recommond focus.

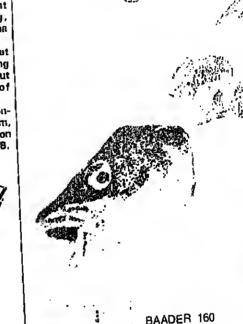
datexise holes be drilled in the The pollots can be cleaned but container for conditions of and storilleed by oil the usual motivals, including stoum and high prosauro diainfoctont sprny, wat autociaving, othylune oxide, and gnnine

The price of the ST polle METAL BOX LTD. trae will be stound £20, dope teemed up with Bridgend un specification, which is obout Processee Ltd. to form a quarter uf the cost of new compeny, Structural etniniese steel poliets.

For further information conhermoform, for markating tect Structural Thermoform, now plactic-cled, stosl- Wostmoreland Hoad, London NW9 9RR. Tol. 01-204-7278.

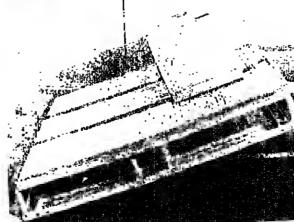
or ico blacko, thees pellete ere made from e welded mild stesl hama ogvared in high deneity olyethelene. This gives them many of the edvontages of duminium or stainless eteel at

ower cost. Called the ST range, It is claimed they are not effected is lamperature extremes and



BAADER 161

BAADER 162 BAADER 166



 $l_{hr}$  Structural Thermoform pallet can have a non-ellip our-lare. The inner steel frome to pictured above.

## ROBERT CROAN & SONS LIMITED

Herring, Kippera, Spreta, Salmon Shell Fish, White Fish (whole or filleta) All enquiries to:

Custom House Building, Granton, Edinburgh EH5 1PL

Telephone: 031 552 4261 Cebles KIPPERS, EDINBURGH Telex 72494

THE QUEENS AWARD TO INQUETRY



wilhoul throat cut or with throat cut, head on or head olf, on the other hand the heading cut in different variations: - with adhering collai bones or with separeted collar bones. For all culting methods BAADEF

has the right gulling mechine. BAADER 159 guts without throat cul. It was designed as a gutting machine only, robust, simple and appropriate.

BAADER 166 and BAADER 162 gut with throat cut in different ranges of lish sizes. Both mechines are also capable of heading by means of the round cul, the collar bones remain et the lish. Another typo of machine removes the head together with the collar bones prior ic guiling by one straight cut, that means throat cut and heading cut in one operation, then the machines are called BAADER 180 and BAADER 161.

BAADER DESIGNS ECONOMICAL MACHINES BASED ON MORE THAN 50 YEARS OF EXPERIENCE

NORDISCHER MASCHINENBAU RUD. BAADER Postlech 1102 · D-2400 Lübeck 1 · Telex 026 839 · Telefon 5 30 21

Dacember 24/81, 1976

**Just add Wills-Ridley** 

specification and size.
ers craft designed for indder torques up t

ft (16,000 kg/m) in three types; haml hydraulic er assisted hydraulic and power hydraulic. For boat

S.M.WILLS Marine Hydraulic Engineers

1002 Winterstoke Road, Woston-Super-Mare, Avon BS23 3YG. Tel: (0934) 28114. Telex: 449533 (Answer back: Steering Weston)

**SALTRAM 24** 

Tsisphona PLYMOUTH 42398

Completed craft to any specification from £8,000

Leire Bridge Boatyerd.

R. Skentelbery & Sons Ltd.

r assister hydrachic and power hydrache. For south om 6--60 metres, Wills-Ridley is the gear to specify, e-steering requirements of your muxt-boat-building job and we'll take it from there. Quickly.

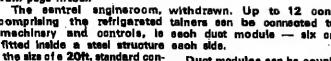
October 1, 1976

fitted inside a steel structure each side.

ting erranged ons, two or three

long, house the insulated ducting which is fitted with ep. The Unicore system can be

Heiltherm Redicon electronic requirements.



Duot modules sen be coupled end-to-end. A renge of From the eir cealers, lossted system sizes is evalishie which on each elde of the engine- cen take from two to 72 conroom, duct erms somprising tainers from one enginercom.

FISH HANDLING, processing and marketing

Apert from the etreddle tiers high, circulate cooled eir earrier drivers, the plent is unto and from refrigerated cantainers connected to the the containers and temperature system. Steel credies, each 40ft, remotely by a controller in

propriete injet end outlet mounted between decks or on couplings for cooling multiple the main deck of many cargo containers ettached on either veesels end, the company says, It can supply shore-based in-The system cen be con- stelletions for etoring and trailed menusity from the processing fish and fish anginarcam, or remotely by the products designed to customer

The eir ducte have the system contact Hellpneumatic shutters which Thermotenk International Ltd., eutometically seel the Home Gerdene, Dertferd, Kent couplings when a container is DA1 1EP. Tal: Dertford 27222.



Marning Star's hold being given the Heatmax treatment.

## FIBRE TO COOL HOLD

8LOW FIRRE insulation is mineral fibre through pre-cut

## This is just one crazy example of the "out-moded" EEC flsh marketing policy, says Austen Laing, chair-

Under the pricing proposele for next yeer, British fishermen couid catch red fish, which are more plantiful than cod but largely rejected by the British consumer, and get up to 70 per cent more for them in EEC campensation, below which it withdrewel price (helow which imports can be benned) is linked to market where it is highly prized end commende for more them it could ever rate provide e good exempts of more them it could ever rate prized end commende for more them it is highly the withdrewel prized end commende for more them it is highly the withdrewel prized end commende for more them it is highly the withdrewel prized end commende for more them it is highly the withdrewel prized end commende for more them

This enomaly has been

cavity between the hull end the it being shaken down once the lining of the flashfold elong the boot is in motion.

In "what is now elmost end to fish room: the building of the room: the boot is in motion.

In "what is now elmost end to eet-up fish been made to eet-u bulkheed separating the claimed to have major edvananginaroom from the fishroom
tages of speed, efficiency,
was similarly insulated white fibre.
The insulation work was minimum disturbence.

European fishermen", Mr.
Laingeald: "We have pointed out to the Minister that we are in the business of selling fish as well ea cetching it so

The insulation work was minimum disturbence.

European fishermen", Mr.
Laingeald: "We have pointed out to the Minister that we are in the business of selling fish as well ea cetching it so

The business has expanded
Alexender Jappy and Sons that.

Alexender Jappy and Sons that.

Alexender Jappy and Sons that.

Alexender Jappy and Sons that we hich elso operatee in Cathness, wents to use a burned out building in Shore

Street, Helmsdele, es a freezing and processing fectory for shellifish.

The business has expanded

Alexender Jappy and Sons that we are in the business of selling from four local bosts which elso operatee in the gend to centree such as burned out building in Shore

Street, Helmsdele, es a freezing and processing fectory for shellifish.

Simple to operate — full instructions provided

Now for the liest three a collecture version of the automatic "Terry" Smoking Kiln as used by all the major lish processing interests throughout the world is made available to the individual user.

SEND FOR BROCHURE NOW AFOS LIMITED, Dept. FTX, Wiener Estate, Anlaby, Huli, E. Yorks, England Telephono: 048-2 82162

# The sentrel angineroum, withdrawn. Up to 12 concomprising the refrigareted tainers sen be connected to mechinary and controls, is seen dust module — six on



FIBHERMEN at Plymouth have been ceehing in on the Spenish cellere at the Sarbican this year and fishermen have been getting

# There's a profit in catching redfish could oarn a profit — even though the market doesn't want them. Unwanted them. This is just one cropy.

man of the Fish Producers' Organisa-

Peterhesed by the Secution compensation than they agents of Heatmex. Calormetic Ltd. of Gissgow. The process involved blowing icose

This anomaly has been determined by the Germen the minimal increases the Mr. Leing.

restreint on queyside prices, porte where the reference

# being used to help cool the holes into the cavities by hold of the naw Patarheed purser Morning Ster. Heatmax blown fibre insuletion is mineral fibre through pre-cut holes into the cavities by meens of a flexible hose. Regular checks were assentiated was pumped into the 6 in. Cavity between the fibre was sufficiently compact to prevent its being shaken down once the cavity between the holes into the cavities by meens of a flexible hose. Regular checks were assentiated out to Agriculture and Fieherles Minister, John Silkin, to underline the impossibility of heving a uniform pricing system for European markets. This enomally has been pointed out to Agriculture and Fieherles Minister, John Silkin, to underline the impossibility of heving a uniform pricing system for European markets. THREE applications have go-eheed from the Scottish He sterted work in the sterted out to Agriculture and Fieherles Minister, John Silkin, to underline the impossibility of heving a uniform pricing system for European markets.

Smoks your own

The

Breakthrough

of the

Century!

The Mini Kers can be used for the

COLO SMOKING All white

ist tillers, Finnans. Sloaters.

Kippiers, Salmon Fillets, Oysters,

HOT SMOKING Suckiling.

Mackerel, Troul, Spreis, Smokles, Seuesges, Chickons,

furkeys, Eels, elc.

Hopes of a substantial ex- he would start processing tension of white fish process- white fish-filleting, emoking,

Minietry of Defence, where ing in the village are based on the epplication of John Jeppy (22).

white nan-integral freezing and packing for export. He intends to employ four people.

# **'Vanishing**'

time the trouble epote are not on the pontoon, but often hundreds of miles away from the Humbar port.

It eeems that the increesed emphasis on the industry by television and national newspapers, following the icalendic wel, has attracted the attention of a orli cutelde the industry. This had led to a speta of thafts at whole sale cutiate ell over England and Weles.

The 'vanishing' fish is being stolen following the delivery by road direct from Grimsby, which is usually made during the night and often to unattended premises.

in en effort to ourb these thefte, Grimsby Fish Merchants Association is recommending its members to advise individual oustomers to instal look-up cages so deliveries can be made in

## New 'King Frost' boss

JOHN B. CROOK bes been eppointed menaging director of Associated Fisheries end Foods Ltd., the "King Froet" Processore: Association, and Processore of Associated Fisheries.

Mr. Crook (44) joined Fisheries Advisory Company.

Mr. Crook (44) joined Fisheries Advisory Company.



WORKBOAT DIESELS MERCRAFT MANUFACTURING CO. LTD. LITLINGTON, NR. ROYSTON, HERTS. Tal: STEEPLE MORDEN 107631 962217/9

Design, Consultancy, Ultrasonic Testing, Stability Books made up to DTI Requirements Marine surveys of all types

## JEFFREY N. WOOD & CO. (NAVAL ARCHITECTS) LTD.

4 Creechurch Lane, London EC3A 5AY, England. Telephone 01-626 5554. Telex 8811714 Woodship.

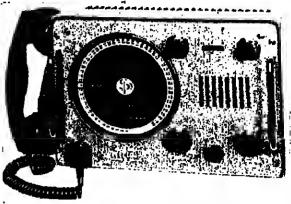
## TWO-BOAT **TRAWLS**

Manufectured by Dentrewl, Denmerk Aveilable from Stock

HUGH NORMAN (Marine Sales) Ltd

Ythen Cottage, Inversorie, Ellon, Aberdeenshire Tel. Schives 358 (STD 03587 358)

# SAILOR radio



## SAILOR 55 **CHANNEL VHF**

Price:

£450 --- 12 or 24 volt

Details from S P. Radio Carolyn House Dingwall Road

Graydon CR9 2X1 Tal 686-5361 S.P. Radio Albert Street Gransley

S.P. Radio 8 Howard Stront Edmburgh Scuttand Int 556-3659 SP Hadio

Wordsons Lift Linval House Dyce Abenleen Tel Dycn 2884

# What in the world's going on?

Fishing News International will tell you. It brings you the world of fishing - the whole world. From Abu Dhabi to Zambia and all points in

FNI is the feading international fishing magazine. It gives you, every month, a top-class news service plus a wide range of authoritative articles and features, researched and written by people who know what fishing is all about.

Saltrem Developments

Laira Bridge Boetyerd,

You'll find it informative. You'll find it interesting. You'll find it invaluable. Have no doubt about that.

Here are a few (and just a few) of the subjects on which FNI will bring you up to date and keep you up to date. \*The latest fishing techniques... the latest

handling methods... the latest equipment. \*What's new in vessel design, materials and usage.

\*What's new in research, in harbour & factory projects, in processing methods. \*Who's catching how much of what - and

\*New legislation - what it says and what It \*Today's trends in fish marketing - and

how they will affect you tomorrow. \*Changes in consumer demand—the growing market for non-traditional types

\*New fisheries limits and Exclusive Economic Zones - when they become effective and what they will mean to you. \*Career prospects in fishing in a changing

\*Aid agencies - how you can benefit from

FNi tells you the where, the when, the what and the how, what's going on all over and what's

fishing news internatio national

## SAVE 3 MONTHS' SUBSCRIPTIONS

We're offering 3 monitor tree subscription to Frit for new readers Order FM for one year, and we'll send you *lifteen months*' copies Total cost only C10 including postage... Send the coupon for your first free copy and bill details of the 15-months for 12 subscription offer.

likely to go on - this year, next year or sometime

If your livelihood depends on fishing, directly or indirectly, FNI will keep you in the world

To let you see for yourself what's in it for you, we're making a special introductory offer. Take advantage of it now ... it could be the best £10 you ever spent.

involved in Fish Ferming? Take a free copy of the journal that covers the whole industry.

Figh Fairming international is the only widely circulating international en rauming international is the only widels circulating international technical journal-to reining end if as pect of itah fairting. The right environment Hatchery techniques equipments high feeds the right environment for healthy lish stock is information one is comprehensive range of fullyects it is as there in Fish Fairting follers at Original A free copy is your storic trial asking.

Ludgale House 110 Fieel Street London FC4A2JL Tot 01-3630 Pleaso send mo

Free copy of Fishing flews international logarity
free that will have the the cost of 3 months subs Free copy of Fish Fair in O International (Pignisa hok as appropriate)

She is for Riverside Trowlera Ltd., a company formed by a consortium of four Grimsby-based skippers: Jens Bojen, Phil Scott, Pete Puffrey end Bill Sate.

Skipper Phil Scott will take command of Jean Scott to fish in partnership with Skipper Pete Pulfrey in the former Scottish vessel Golden Venture. Agents for the new vessel will be John R. (Flsh Salesmen) Ltd. of Grimsby.

Originally the new pair team had planned to put in a full fishing trip, landing just before Christmas, but the trials were delayed from Losslemouth and Buckle by bad weather.

Eventually the pair dld aucceed in getting off and managed to put in a minibefore striving in the small Grimeby, Jean Scott and Golden Venture mede e comhined grossing of £7,086 from 219 kits on rather a quiot Friday merket.

Jean Scott is very similar to the highly-succeasful Margrethe Bojen which lones' Buckie yard built earlier this year for Skipper

propeller.
The lines of Jean Scott and

given Jean Scott a carrying capscity similar to that of larger vessels, in addition to providing excellent stability eeskeeping

With an oversil length of 68st. and besm of 20st. Jean

nump, two Transmotor ACG500 X 24 V generators and the hydraulic jump for the not linular.

## Auxiliaries

The Norwinch hydraulic pump for the trawl winch is driven directly off the exten-sion shoft, through a Broad-bent 14 in. twinplute clutch. A two-cylinder air-cooled Lister auxillary engine of

about 13 hi drives snother Desmi SA40 pump and a Transmotor ACG155 24 V

A total of 2,600 gallons of fuel oil ara varried in four tanks in the engineroom. Layout of the deck allows

# hulled pair trawler Jean Scott has been built at the Lossiemouth yard of Jones Buckie Shippard for owners in 'SUCCESSFUL' LINES



nort or starboard. A cabin lying aft of the new commend, Jeen Scott, Hull lines are identical and winch lies athwartships, they are of similar layout, forward of the deckhousa.

One Lawie Hudsenlies not the same type of the deckhousa.

One Lawie Hudsenlies not the same type of the deckhousa. carrying the same type of One Lossie Hydraulica net 550 kits. Both have steel winch and net hauler is fitted on the star- stanchions and wooden flight: bow shot of Jeen Scott.

with a Kelvin 280 hp engine from a stout steel gantry fishroom and two over the driving an adjustable pitch mounted across the after end after nue, have insulated of the deckhouse.

General errangement of the new-class Russian smel

oatamsish flahing véssel. 1. wheathouse: 2. forspeck: 3. accommedation speces: 4. flahroom: 6. mechinary épace: 6. warp hold: 7. afterpeak: 8. het repovery which: 8. trawi which:

coemings and covers and hinged aluminium lida.

The lines of Jean Scott and Morgrethe Bojen are similar to those of a vessel built thres years sgo by Jones Buckie for Skipper Bojan, Frances Bojan, Frances Bojan, This craft had been designed by navs1 srchitecta, G. L. Watson and Co., following consultations with Skipper Bojan.

The dasign incoporates guite full lines, which has given Jean Scott a carrying capacity similar to that of capacity capacity similar to that

The main difference lies in has der reil, although it is the choice of main engins, planned to fit s similar hauler dear Scott is powered by a not the port rail later.

Watertight steel insulated bulkhesds are fitted at the to Margratha Bojan and the similar bulkhesds are fitted at the to Margratha Bojan and the similar bulkhesds are fitted at the to Margratha Bojan and the similar bulkhesds are fitted at the to Margratha Bojan and the similar bulkhesds are fitted at the to Margratha Bojan and the similar bulkhesds are fitted at the to Margratha Bojan and the similar bulkhesds are fitted at the to Margratha Bojan and the similar bulkhesds are fitted at the total bulkhesds are f Tha 99-footer hee hull lines by Gardner unit turning a fixed. Conventional trawl gallows pitch propeller, while are fitted forward, but the Margrethe Bojen was fitted after towing blocks are hung bulkheads are fitted at the to integrate Bojan. The new boat both fishrooma. That have hatches, one over the forward oluding apprentica. and spars are made of steel.

Fish finding sids in the

Two new cats for fishing

Scott is of cruiser-starn design and hes a tonnage under Pert IV registry of under 50 tone.

The Gardnar 8L3B engine develops 230 hp st 1,150 rpm and drives the Bruntons Superston propellar throughs Twin Disc 4.13:1 reduction and raverae gaarbox and Henry Fleatwood and Sons atorngear.

The Corry Cot has been developed for the commarcial market for use inshora. The Belt-driven off an oxton-sion shaft at the fire end of the engine are a Deami SA40 the engine are a Deami SA40

Sclow: the prototype Cerry work up to 50 miles from the fore and aft extremities port, has two symmetrical has been dealgned to ease hulls interconnected by a repair.



# CARSMORE Sinking sparks off full-time disaster fund

ingistered and controlled integrated and controlled integrated int

kcember 24/31, 1976

'aw to many in the Grimsby men and aupport workers. 10 eae thing industry. 10 leas deplorable publicity.

been raised for the dapen- thoso wito had bean dnnts of the men lost in affected by the recent the Corrig Una trawier dis-acter off Donagai. So far, for a permanent fund for only the body of the skippor, 26-year-old Tad Carherry, has been feund.

He said there might be

Institute the cost of the foreign vessels allowed to getter in Norwegism waters all be required to report to the Director at to before sing giving name, registers on oumber, size, type of gat, came of alpher, plane and durstion of gettione, and the alze of gate and durstion of gettione, and the alze of gate and durstion of gettione, and the alze of gate of gate and durstion of gate and durst were taking with usin ficult, line our so called friends were taking with usin ficult, line our o

# The computer centre will sidered them expendsble, he aid. It was obvious that the industry's importance was considered to be inalgnificant and secrificed at the expense.

4RS. Gladys Hearing, industries, and generally the report | Shellfish Chat industries, and generally the report | Shellfish Chat industries, and generally the report | Shellfish Chat Dacember 10) of Don Loudon's paper on the lobater denies at sideral more important world denies at the north sect coast.

The Ministry of Agriculture, Fleheriss and Food hee, during the lest few years, done considerable research on the Yorkshire and Northumberland orkenire and reprincing entering of the feet that foreign boots for an edequate explusive knowing this in recent months. forkehire end Northumberland growth of lobsters in Yorkshire Shetlends seemed to have only It, therefore, came as a me to claim that they have 100

year. I believe that the Ministry of delivered complete with deak, wheelhouse, fuel tanks, sto. Will delivered complete with deak, wheelhouse, fuel tanks, sto. Will delivered complete with deak, wheelhouse, fuel tanks, sto. Will delivered complete with deak, wheelhouse, fuel tanks, sto. Will delivered complete with deak, wheelhouse, fuel tanks, sto. Will delivered complete with deak, wheelhouse, fuel tanks, sto. Will delivered complete with deak, wheelhouse, fuel tanks, sto. Will delivered complete with deak, wheelhouse, fuel tanks, sto. Will delivered complete with deak, wheelhouse, fuel tanks, sto. Will be completed in lesion, it is hoped that this have been saying for so long is long to the true. Stocks do need in feat true: s NESF eres, I believe that the This was prebebly of Imeway for some erumbe in other par cent. The four or five times, increase, which he suggests, matter of axtreme urgency and urgency and urgency and urgency are urgency and urgency and urgency are urgency and urgency and urgency and urgency and urgency are urgency and urgency are urgency and urgency and urgency are urgency an i elso believe the lobeter tien.
Such examples of foreign Skipper D. McKenny,

The erec to which he refers coincides to a lenge extent with the the UK cosat was essential for after years with the land more important the livel.

The erec to which he refers coincides to a lenge extent with the the UK cosat was essential for the which is after years with the land more important the livel.

The erec to which he refers coincides to a lenge extent with the land more important the livel.

The erec to which he refers coincides to a lenge extent with the land more important the livel.

The erec to which he refers coincides to a lenge extent with the land more important the livel.

The erec to which he refers coincides to a lenge extent with the land more important the livel.

The erec to which he refers coincides to a lenge extent with the land more important the livel.

The erec to which he refers coincides to a lenge extent with the land more important the livel.

The erec to which he refers coincides to a lenge extent with the land direction.

With regard to the question move in the right direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers coincides to a lenge extent with the land direction.

The erec to which he refers the livel.

The erec to which he refers the liv contains and more important the livelserial Serice, will come as a shood of thousands of fisherwill many in the Crimshylman and emport workers.

To be feir to the Ministry, it
To be feir to the Ministry, it
To be feir to the Ministry than any first.

The four men, all from the search was large and such the search of the s

seems a pity that the offer was our professionals. There are

licances restrictive.

To be feir to the Ministry, it the evil-doer and a better order that there should be more locally just to point out that publicity.

The North Eastern See they offered to bring in legislar that the major reason that the second t recognised that the area has ago, but this was unanimously opinion that the major reason tion massure.

Whilst one understands the prohably not much more likely fishermens' point of view, it to break the lew then some of

not eccepted. At least it was a siways some unscrupulous

recognised that the eree has been overfished for many years. As long age as 1950 we bagan a campaign for more rational use of the resources.

The Ministry of Agriculture thet the officers of the NESF era vigilent end doing e good job. Full-time end pert-time fiehermen, hotsilars end ekin-

weters.

As representative of the Association of Sas Fisheries, I was eble to excommittees, I was eble to excommittees, I was even used to the Ministry as recently es November this helits leelend to work see eight provided in two coleurs, Oxford blue and mid yellow, was delivered complete with deak, wheelhouse, fual tanks, etc.

Weters.

As representative of the Association of Sas Fisheries Association of Sas Fisheries Committees, I was eble to excommittees, I was eble to excomme as net great surprise to come a e vegua idee of the true bounabook that in the racent per cent euccess, but neither

PURSER MATE DIES

the isgisletion is still en lesus. place end so saved the end that this major plank of end that this major plank of the in my view, speaking of the skippers e month of hard lies.

In my view, speaking of the skippers e month of hard lies.

NESF eres, I believe that the NESF eres, I believe that the major plank of the order of 25 per cent to 60.

This was prebebly of imerors and the policy has been thrown their policy has been thrown the property has been thrown their policy has been thrown the property has been thrown thrown the property has been thrown thrown thrown the property has been thrown thrown

M. J. HAYNES, Designer/Properieter M. J. HAFFENDEN, Production Manager, VERSATILITY WORKBOATS

TN31 7HJ ENGLAND.
DESIGNERS and BUILDERS OF HEAVY DISPLACEMENT WORKING



RYS YACHT CENTRE RYE, SUSSEX.

In Glassfibra, Reinforced Plantos. In Hull form of any species of completion.

In Glassfibra, Reinforced Plantos. In Hull form of any species, or completion.

Contrictors 19, Hull Melecy 41 Defence.

Select Approved by The Mark Floh Arthody & The Department of Trade and Indultry.



# 28.60; fillet kippers, £3.50/£4.40; selected kippers, £4.50/£5; per stone, selec, tongues, 35p/45p; silpe, 50p/70p; medium, 70p/£1.40; large, £1/£1.40; eels, 80p/£1.20; smoked selmon, foreign side, £3, per lb. December 24/31, 1976 English brown, £1.10/£1.50; cockles, English, £1.40/£1.50; gollon, crabs, over 3th, 25p/35c; sorted, 8p/10p. FROZEN

## TOP LANDINGS LAST WEEK

Jeon Scott, (Skipper Phil Scott), 253,736: Ross Revenge, BUT (Sk. J. 84k, both Jahn R., NS, 5 days. Meadows), 1,884k, WS, 24 days. 245,111: Lord Jellicoe, BUT (Sk. W. HULL Sate), 1,411k, WS, 25 days. Sate), 1,411k, WS, 25 days. 239,925: Port Vale, Consol (Sk. P. Blaney), 1,234k, WS, 24 days. £39,078: William Wilberforce, Boston (Sk. T. Evans), 1,206k, WS,

25 days.
237,519: Bornsley, Consol (Sk. M. Smith), 1,201k, WS, 24 daye.
238,098: Boston Halifax, Boston C. Pitts), 1,272k, WS, 28 days.
(Sk. R. Evans), 1,133k, WS, 25
25,429: Kingston Amber, BUT (Sk. K. Nielson), 1,236k, WS, 26

days.
£36,077: Ross Kelly, BUT (Sk. P.
Phillipson), 1,137k, WS, 23 days.
£35,848: Northern Reward, BUT
(Sk. E. Hall), 1,185k, WS, 23 days.
£34,923: Gillingham, Consal (Sk. J.
Loades), 1,080k, WS, 24 days.
£31,080: Aldershot, Consol (Sk. D.
Forrand), 1,099k, WS, 24 days.

Forrand), 1,099k, WS, 24 days.

£16,278: *Nonoo*, Taylor (Sk. G. Hughee), 617k, F/W, 18 days. E18,165: Ross Tiger, BUT (Sk. D. Avery), 756k, W, 17 days. £14,583: Ogano, Taylor (Sk. G. Drewery), 418k, F/W, 18 days. £13,820: Ross Cheetoh, BUT (Sk. T. Poet, 2001, W, 15 days. Rossl, 706k, W, 15 doys. 213,767: Ross Lynx, BUT (Sk. D. Cooper), 617k, W, 15 days.

£7,295: Lemberg, Lindsey (Sk. H. Pexman), 178k, NS, 14 days.

## Seiners

£951: Nordlond, Allard Hewson (Sk. M. Dam), 28k, NS, 10 days. £797: Else Risoger, Sleight (Sk. E. Mork), 26k, NS, 12 daye, £457: Streymoy, Sleight (Sk. M. Hansen), 33k, NS, 13 days.

266, 105: Lord Nelson, BUT (Sk. N. 29,654: Suffolk Monorch, Smell Langthorpe), 2,083k, WS, 28 days. 253,998: Lord St. Vincent, BUT (Sk. A. Oeler), 1,709k, WS, 26 days. £9,510: Boston Sea Knight, Baston £44,865: Somerset Maughom. (Sk. A. Lincoln), 189k, NS, 13 days.

£42,529: Arctic Corsoir, Boyd (Sk. C. Pitts), 1,272k, WS, 28 days.

£31,507: Luneda, Marr (Sk. W. A. Wood), 718c, WC, 13 daye. Reader), 973k, 23 days.

£9,766: London Town, Hewett (Sk. P. Weirman), 321k, 15 days. P. Weirman), 321k, 10 uays.
£9,764; Admiral Howke, Hewett McBain), 11,777kg, NS, 5 daye.
(Sk. J. Kirby), 442k, 15 days.
£4,887: Nimrod, A.F. (Sk. R. (Sk. J. Kirby), 442k, 15 days. £9,389: Royalist, Hewett (Sk. J. Pickees), 308k, 13 days. £8,728: Boston Sea Howk, Bloomfield (Sk. J. Brackenbury), 315k, 15

Phillips), 183k, 12 days, 24,877: Marrie Jocob, (Irish) 84k. 23,658: Resilience, Ward (Sk. D. Crawford), 1,805kg, NS. Beily), 128k, 13 days. £3,357: Foir lale, Ward (Sk. J. Wrlght), 117k, 13 daye. £1,552: Peter Loumand, (Sk. A.

ABERDEEN

£23,746: Clorkwood, Wood Group
(Sk. T. Taylor), 763k, F, 14 deys.
£15,083: Lindenlea, BUT (Sk. W.
Uren), 933k, F, 12 days.
£14,028: Carency, G. Wood (Sk. R.

Simpson), 132k, IS, 13 days.
£5,200: Bryher, Norrard (Sk. A.
James), 126k, IS, 14 days.
£4,048: Norrard Star, Norrard (Sk. J. Manson), 157k, IS, 7 deys.
£3,050: Picton Seolion, Norrard
(Sk. T. Salter), 128k, IS, 5 days. Mork), 26k, NS, 12 daye.

£457: Streynov, Sleight (Sk. M. Hsnsen), 33k, NS, 13 days.

Hsnsen), 33k, NS, 13 days.

Pair teams

£15,083: Lindentea, BUT (Sk. W. Uren), 933k, F, 12 days.

£14,028: Carency, G. Wood (Sk. R. Jahnston), 588k, O, 8 deys.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

£12,137: Grampian Folcon, BUT (Sk. T. Salter), 128k, IS, 5 days.

10.840: Leswood, Wood Graup (Sk. R. Walker), 372k, F, 15 deys.

£10,738: St. Mork, Colne (Sk. J. Kelly), 288k, NS, 15 dsys. £9,738: Oulton Queen, Taliemsn (Sk. A. Hutchinson), 195k, NS, 13

(Sk. B. Berrett), 218k, NS, 13 days. WEDNESDAY, DECEMBER £44,865: Somerset Maughom, 18,604: Chudleigh, Putford (Sk. G. Wilson), 184k, NS, 13 days.

## **NORTH SHIELDS**

£10, 793: Ben Glos, Irvin (Sk. R. Sheader), 29,024kg, NS/F, 13 days, £6,490: Sedulus, A.F. (Sk. R. Casso), 8,800kg, NS/F, 12 daye, £4,400: Stor Devine, A.F. (Sk. J. Vanko), 9,180kg, NS, 4 dsys. £3,756: Volholia, A.F. (Sk. R. Viotal), 10,7000 days.
£8,125: Dovid Wilson, Hazael (Sk. J. Benke), 339k, 12 days.
£6,204: Suson Bird, Blrd (Sk. D. Reader), 234k, 15 days.

Reader), 234k, 15 days.
£6,207: Forwards. Ward (Sk. W. C. Horn), 6,150kg, NS, 4 days.
£13,756: Vothotta, A.F. (Sk. R. Vietch), 10, 700kg, NS, 4 days.
£2,854: Ina McBoin, A.F. (Sk. J. Fleming), 7,978kg, NS, 4 days.
£2,000: Fruitful Harvest, A.F. (Sk. C. Horn), 6,150kg, NS, 4 days. £438: Starello, Irvin (Sk. T. Johnson), 900kg, NS, 3 days. £331: Border Star, Irvin (Sk. R.

## MILFORD HAVEN

£1,552: Peter Loumand, (Sk. A. £5,658: Jadeator Gypsy, Jones (Sk. (Sk. L. Dam), 193k, NS, 17 days. £1,282: Thornwood, Hewett (Sk. V. £5,200: Roseveor, Norrerd (Sk. A. (Sk. J. Olsen), 138k, NS, 15 days. £951: Nordland Allerd Hewson (Sk. J. Berdland Allerd Hewson (Sk. J. Olsen), 138k, NS, 15 days. £5,200: Rryher Norrerd (Sk. A. Simpson), 132k, IS, 13 days. £5,200: Rryher Norrerd (Sk. A. £5,200: Rryher

December 24/31, 1976 Recember 24/31, 1976

SHELLFISH

SELECTED lobeters, 24.50/25.00; filleted, 23.50/24.40; prewns, 52p/60p, per tb oysters, 211/222, per 100, Scotch winkles, 210/212.50 per cwt., whelke, 23.78, per bushel, 1rish mussels, 23.20/24.40 per bag, abrimps, 43p, per tb, fillets, plaie, 24.20; kippsrs, 22.46/4, per 25.50/24.40 per bag, abrimps, 45p.

## HERRING REPORT

(Sk. B. Berrett), 218k, NS, 13 days.

£9,510: Boston Sea Knight, Baston

(Sk. A. Lincoln), 189k, NS, 13 days.

£8,604: Chudleigh, Putford (Sk. G.

Wilson), 184k, NS, 13 days.

£8,428: St. Thomas, Colne (Sk. J.

Ketteringham), 222k, NS, 12 days.

GRANTON

£19,086: Arctic Riever, Liston (Sk. A. Wanless), 744c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye.

£14,072: Arctic Hunter, Listan (Sk. A. Wandess), 748c, F, 14 daye. 30 tonnee; homemerket, 43 tonnes et £14/£20. Uniform to tonnes et £14/£20. Uniform to mixed in size, 280/580 per 50kg. Malloig: two pursers, 13 tonnes; homemerket, 140 tonnes; homemerket, 140 tonnes et £12/£23. Uniform to mixed in size, 300/500 per 50kg. Obon: six trawlars, 82 tonnes; homemerket, 50 tonnes et £15.20/£2.80.

> THURSDAY, DECEMBER 16 Stornoway: three drifters, five tonnes, six trawlers, 39 tonnes; homemarkat, one tonna at £15. homemarket, 50 tonnes at klondyking, 43 tonnes et £18.30/£20. Uniform to mixed in size, spent, 370/560 per 50kg. Uig. cartinologic seven trewlers, 38 tonnes at £14/£20.60. Slightly mixed to vary mixed in elze, 370/580 per 50kg. Uig: one ringer, 10 tonnes, at £15.20/£22.40. Mixed spents, four trawlers, 45 tonnes; 412/432 per 50kg. memerkat, one tonna at £15.

Stornoway: one trawler, thee tonnes; klondyking, three tonnes size, 300/500 per 50kg. Obon: six trawlars, 82 tonnes; homemerket, 62 tonnes at 222.30/222.80. Slightly mixed to mixed in size 360/440 per 50kg. Obox: each five tonnes at trawlers, 44 trawlers, 44 trawlers, 50 tonnes at trawlers, 61ve tonnes at the size of t tonnes; homemarket, 34 tonnes at 215/r47. Hand selected.

> TUESDAY, DECEMBER 21 Ulinpool: two trawlers, 50 tomes, homemarket, 50 tonnes at

# Skipper is jailed for poaching

SCOTTISH skippers have expressed regret of the decision of Appeal Judges in the Scottish High Court that Skipper Stanley Duncen (44) of Runivsl, Mailaig, must serve a three-month jail sentence for lineagal fishing.

LOWESTOFT'S top earning trawler far that last year was a diaboliced behaviour of 20 Dutch fishermen who set irswlors edrift in Killybegs.

The lacident heppened is the Dulchmen returned to their trewlers following a Seturdey sight "oo the town".

The fishermen bed in the Dulchmen returned to their trewlers following a Seturdey sight "oo the town".

The fishermen bed in the Dulchmen returned to their trewlers following a Seturdey sight "oo the town".

The fishermen bed in the Dulchmen returned to their trewlers following a Seturdey sight "oo the town".

The fishermen bed in the Dulchmen returned to their trewlers following a Seturdey sight "oo the town".

The fishermen bed in the Dulchmen returned to their trewlers following a Seturdey sight "oo the town".

The fishermen bed in the Dulchmen returned to their trewlers following a Seturdey sight "oo the town".

The fishermen bed in the Clerk of the Seturde sight should be shaded in the Clerk of the Seturde sight should be remembered that that year was a diabolicel to ontinue to operate trawling that last year was a diabolicel octonius to operate trawling to state of the seal state of the seal was a meant of the seal when there have egein that last year was a diabolicel octonius to operate trawling that last year was a diabolicel octonius to operate trawling that last year was a diabolicel octonius to operate trawling that last year was a diabolicel octonius to operate trawling that last year was a diabolicel octonius to operate trawling that has been uneaded in the processing industry 41 years ego ese chemists to continue to operate trawling to ontinue to operate trawling that last year was a diabolicel octonius to operate trawling that last year was a diabolicel octonius to operate trawling that last year was a diabolicel octonius to operate trawling that has been uneaded.

With the North Sec shedular, we set of the mast of such as of our trawlers of the such was of shetland," he said.

With the processing that its was.

"With the North North Sec shedular, we set

the major trewler-owning the fishermen bed firms at the port. Boston tome ashore in rubber Deep Sea, that its new trewler dinghles, but epparently sed the local trewlers to be leeving for the West-

sed the local trewiers to get bock to their vessels country mackerel grounds in country mackerel grounds in the New Year.

In e difficult yeer for the fishing industry, St. Patrick has established an un-Three crewmen were assaileble lead in the list of

sleep aboard Motabruce port championships. bih vessela beck to port, without damage. But command for the mackerel hero was a lot of ill-venture, St. Potrick has landfeeling in Killybegs over ed a total cetch of 100,336 etone of fish this year to set Local fishermen met up e new record gross earning

and docided to take no total of 2241,167.

Aubrey Moore, general Dulchmon, but to send a manager of the Claridge wiegram expressing Group at Lowestoft, said St. trong condomnetion and Potrick's record earnings had isgust at their behaviour to be set against a background of steadily rising coets.

# Yard builds stern star's end star's end FROM the glemout of television to the absence of the COWES boatvard of

**SERWINCH** LTD.

Unit 18, St Micheel's Trading Estate Bridport, Ocreat DTS SRR Telephone: Bridport 88232

This vessel will be the first fishing boet which this Cowes by a C-Power Ford diesel yard hes completed end follows on from en order for a large of elsctronics will be incustoms leunch for Iceland which the firm is building et present. Both creft were ordered through 8 teinevor forecastle with accommode
The hull will heve a relsed forecastle with accommode
See line hauler.

This vessel will be the first fishing boet which this Cowes of the first fishing boet which this Cowes or THE 283-ton middle/neer water trewler Priscillian, one of eight vessels one of the sale, she by the WFA from the had been full up for some sold to Smell & Co. time efter e session on oil to Smell & Co. time efter e session on oil to Smell & Co. time efter e session on oil to Smell & Co. (Lowestoft) Ltd.

......

with the owning company, including chief chemist, works manager, production mnneger, general manager, chief executive end maneging director before his

retires

GEORGE Ernest Tun-nicilifie, who joined the Humberside cod liver oil

appointment as deputy cheir-man in the final year of his In 1939, trawler owners in the co-operative hecame known us British Cod Liver Dil [Hull & Grimshy) Ltd. This arrangement

cod liver oil in hoth Humberside ports. Mr. Tunnicliffe figured prominently in the developuent of that enterprise which, for many yoars, lins produced one-third of the

corld's supply of cod liver oil.

strengthened the production

yard. This has been the sed change of fortune for Boyd Lina's trawler Arctic Ranger. She was the first steem trawler to work IHE COWES boatyerd of tion under for the four crew.

The forward wheelhouse is let into this relsed deck leeving e into this relsed deck.

She will be rigged for stern trewling with e gantry and two-ton North See winch, and for potting with e gantry and two-ton North See winch, and for potting with e gent and two-ton North See line hauler.

This vessel will be the first the wase the first staem trewler to work trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first trawler Arctic Ranger. She wee the first staem trewler to work trawler Arctic Ranger. She wee the first trawler Arctic Ranger. She weels the first trawler Arctic Ranger. She weels

Priscillian left Grimsby for Lowestoft on December 15 end her departure meens that the Suffolk port has in-orecaed its fleet by six trewiers ace direct result of the sale of the former Robinson vescels. The other five vessels heve alreedy joined the Claridge Group

It le expected that Priscillian will be renemed
to conform to fit
in with her new owner's fleet. Of the eight Robinson trowlere, only Philadelphian and Rhodssiah, shortly to be renamed Sondo by owners Taylor Trawlers Ltd., are still in Grimsby, but

THE SHETLAND fleet was not involved in the row which flared up last week over French trawlers harressing Scottish boats off the jalands. Shetland, boats have been awars of the hig French atern trawlers, and moved to other prounds.



REEVE ARINELTD CORNWALL HAYLE,

ROBERTSON NET DRUMS



Illustrated is a Robertson type 3PN60 hat Jum with a stop full and observe of 3 cubic matter. Special features are the destrotable twin whiteping drums and heavy duty break which give leatures useful to all helping detrotable. This is only one of incorrect after drum and trays which range specifically propared to all closure of the tray which range specifically propared to all closure of trays which range specifically propared to all closures.

JAMES ROBERTSON & SONS (Flootwood) LTD:

ODCK STREET FLEETWOOD FYT SJH

rlg standby duty, so she

the New Year.

vill not be resuming ber fishing cereer — probebly us e beem trawler — until

HUMBER VESSELS DUE

HULL White See: C.S. Forester, Expected during the weak from Folstaff, Rose Altoir.

£9.40; lerge pieles, £3.20; amail plaice, £3; large ray, £2.60; large whiting, £2.35; small whiting, £1.60; monkfish, £9; squid, £3.70; cod, £3.60; pollock, £3; scallop, £1.82; bass, £10.60, per lb.

TUESDAY, DECEMBER 21 FRASERBURGH

Prices: cod end codling, £18/£22: haddock, £18/£28: gutted whiting, £10/£15: round whiting, £8.50/£10, per box, emall plaice, £1: lerge pleice, £2/£2.50: emall sola, £5.50: lerge cole, £7.50: monkfish, £30: dogfish, £2.50/£8, per stone, 800 baxes landed, 500 being cod.

PORT MARKETS

| Second Content of the property of the property

CAPSTANS LINEWHEELS NET HAULERS PUMPS COMPLETE KITS Reliable Power

## ALL SHELLFISH

for the

Inshore Fisherman

Dally Consignments Required R BLOOMFIELD (Billingsgate) LTD Ushy Sale Accounts; Phone: 01,826,7320,9748, 4830.

FOR SALE

**FOUR BAADER 48** Skinning Machines

£1,000 EACH

Can be seen in production

BOX NO. 418

or VNO, Tolophone: Penzance 581fl or Mayfield 2277 [Susnex].

FOR SALE, All shellfish lobsters claws, roykles, mussels, life, peeled prawns, wet and curred lish, holled of live. Crabs, wheths and winkles Telephone Gransby 50571.

PHEEL ENTRANCE rings 34in, 41m, 5m, 6in, 8in, dia Sumples and hats of stockies from: LLM, Ltd., Kittech Place, Enst Kilbride, Scotland.

Polypropylene

120 fees (opprox.) ceils

7mm illam. ig. £0.50 un.

IOnun diam. or £12.15 ea.

12mm diam, 6/ E17.10 ca.

Jarriage Poid HK Maleland Only.

Let Iroland or Ollahoro Islands

All MSTHONG hydraulic atoering

add 20p per cell. Priess Include 8". VAT

'ash with order 10:

P.O. Box 16, Glaticoster.

Longford Ropen,

Smith dlain, in £3.80 ait 6mm dlam, le £4.90 on. CANTELL & SDN

LIMITED

Fittlight of In Sil Surveyors, Bhig's Chandlers Bhig Yacht & Bost Guiders West GUAY, HEVMANEN, SUSSEX

In easter to darty larger states of all pis-currentney. Bit lear true by A. Court fairing twines. Haw out party the ag-agent and streets of an increased on the

# Official and Classified ADVERTISEMENTS

Telex: 21977 Tel: 01-353 6961

Sysmaga

All classifications: 9p per word, minimum charge £1.50. Six or more insertions at 8p per word, minimum charge £1.50. Box number 50p extra. Photographs £2.50 extra. Semi-display: £5.00 s.c.i. Six or more insertions at £4.50. All adverts under 7 insertions MUST BE PREPAID. Telephone by noon MONDAY or write: Classified Advt. Dept., Fishing News, 110 Fleet Street London EC4A 2JL.

## VESSELS FOR SALE



32 Cygnus bost show model 1978, Ford Silencer, Ford Sabre, excellent condition, complete with fishing gent and fully equipped, \$18,000 one. Telephons: Perismouth 29483 after

MB "PROVIDER" (BA147) Bullt of street, Holland 1960.
Length overall 69.96., Registered length 641C, beam 18tt.

MATAIL

Address

Signature

Block latters plaase

## FOR SALE BY PRIVATE BARGAIN

M.B. "DON BOSCO" (BCK12) Bullt Oldoford 1989. Rogistored length 42.5ft., breedth 15.5ll., dapth 5.71t., tonnegs 24,22, 21 Ohp Volvo engine, Cempeltown trewl winch. On hire: Kolvin Hughas acho sounder MS44 with bottom lock, Kalvin Hughas VHF forelend, Oecca Nevigator Mk21, Oecca radar super

Boat's property: Redio telephone. A quantity of gear is on other with the vessel. Vascel available for inspection at Buckle.

All enquirios end offere to: Mesers, Mecras Ouggle McPherson Ltd., Fish Satesmon Ltd., 22 Commercial Road, Buckle, Talaphone: Buckle 31106.

Engine Stork Werkspoor 400hp 1200 revs installed new

Which Hydraulik Bruttvaug II ton low pressure installed new 1974, Aka ily jib power black installed new 1974. Somerous other improvements carried out in the last three

Wheelhouse equipment: Kelvin Hughes sounder and rador. Sailor R. E., Arlas lishippe all boot's property. Decor Mk21. Kelvin Hughes Foreland VHF on hire.

Vessel triggel for pair trawl, hottum trawl and scullent

dreigung and is meantine on ship at Girvan undergoing a teht. Large quantity of gear available for sale with vessel. Further particulars telephone: Dunare 640 or Joppa

fishing news

Classified Ad. Order Form

Number of insertions required: ...... Dates: ......

I enclose chg/P.O. .....(Please make cheques and P.O.'s payable

# MFV "Cathron" (Ll.471. Length 36ft., beam 11ft., drnft 3.6ft. approx., carval construction, wheelhouse aft leaving large open tlack area, covered forecleek giving large amount of storago erea, esalest deck, Auxiliary equipment includes MF and VHF radio telephones, Ferrograph soundar, Sharps auto pilot, elactric bilge pump, oughne Lieter FR4 ME10. This vessel hoing of sound construction will invite any aurvay, £8,500 onc. Contect: Richarde telephones: Middleton on Sea 4312.

Talaphona: Buckla 31108.

Talaphona: Buckla 31108.

Talaphona: Buckla 31108.

Talaphona: Buckla 31108.

Talaphona: Partamouth 29483 after dipn.

STEE1, MFV, built 1941, the many processed of the part of the par

D. V. HOWELLS & SONS LTD.,

THE DOCKS, MILFORD HAVEN, OYFED

Thomycraft ongine, hydraulic gearbox with 2:1 red.

LUDGATE HOUSE, 110 FLEET STREET

to "FISHING NEWS")

\* N.B. MINIMUM CHARGE FOR

All classifications 9p pm word, Minimum

change I'l 5tt. Six of more insentions at 8p por

word, Box number 50p extin. Photographs

Registered No. 521290 England

LONDON, EC4A 2JL

For all conjuiries please confact Mr. Huwells of the above ad-

For sale surplus to requirements: 1.--1511 x 1211, double diagonal ex, admirally launch,

## FOR SALE

## CHEAP STEEL **BOATS FROM** 75ft. ONWARDS

Supported by temporary Government rules Dutch fishermen are now able to put up for sale their second-hand steel beam trawlers at reduced prices.

Lists with full particulars are available from my office.

If you are interested in a good steel boat please apply to: JOHN APPELBOOM Bilderdyklaam 9

Responsible for more than 85 per cent of all boat sales from Holland to the United



Gardner 61.W manually operated gearbox with 2:1 red., current P.C. chisaes 5 and 6 to curry 68 passengers.

2.--52ft. x 13ft. double diagonal ex. admirally harbour hunch. Lister HA6 engine, oil gearbox operated with 2:1 red., current P.C. classes 5 and 6 to carry 78 passengers. MFV "Aileen Clare", 46ft. x 14ft. x 5.5ft., hult 1964, Morcedes OM346 engine 150hp., fitted Elac sounder, Kelvin Highes 1yps 17 radar MF. VHF all ships or process Trus 24 with 3.—36Tr. x 10It. ex. admirally harbour lattack (curvel) litted with a lister HA3 engine and manually operated gearbox with 2:1 reduction tin need of some repairl.

1.—38fr. x 12fr. varvel ex customs lattack with Ford

65ff. o.a., 58.3ft. reg., 18ft.6in. beam, 8.5ft. depth, huilt 1847, 114hp tiardner, 1adar, watch receiver,

MFV "Second Venture" 1123, 1974, alt whealhouse, Captoin 1.5 diesel, PRIM 2:1 genrhox, Morse engine control and steering. Sen winch half ton pot hauler, main most and hagus for oyetering. Koden samiler and VIIF on hire, £4,250 o.m.o. Telephone: Lynrington 73548.

PEARSON CF 26 1973, Ford N.B. MINIMUM CHARGE FOR
EACH ADVERTISEMENT IS £1.50

All classifications 9p pin word. Minimum trainer I bit Six of more insentions at 8p por cond. How minimum 50p extent. Photographs

Toley and sealmat, at present working. Offers around \$5.00 Enquirles to Kneal, Port St. Mary, lele of Man. Teleghous: 0024 832274.

FOR Sele, 69ft, steel Tug, converted for fishing, new sis man accommodation, new electrics, 350hp Ruston, sxcellent work huat. Box No.

FIR sale: Shin's lifebnat, hasvy gauge Fibreglaes, to BOT mendards, Jili. x 12ft. x 3ft., offers in region of 22,000 reputed. Also evallable Thornycroft diesal 38hp engine, recently aveninuled, price to be negotieted. May be viewed at Girvan by eppointment, telophene Mr. or Mrs. McCrindla, tiliran 3219, offers to Galbreith McEwen & Compesy, Chertared Accountants, themilton Street, Olivan. Telephone; Girvan 2591. l'elephone: Girvan 2591.

24ft. Seitram GRP., Sabb 18hp dieael, buill to cuetomers re-nutraments, pricae from £4,200. Conventional craft built. Adams, Loce 2081.

struction, oak on oak, modeu-15ft. v. 14ft. v. 7ft. 6in., 16thp1 or pillar, hydronlic trawl winch is propaller, nearest offer to (11) Received for sale new vessel. Run! 74 Beach Hand, Fleetwood, toleplant

eveniugs.

37ft. Sin. x 12ft. clloker by fishing hoat new, forward malesz-wheolimase, new decks, souade YHE, Stuart generator, reconditional Perkins engine, new hydraulir get lox, nackerel gear, pois, nets all sec 4,5401 one. Junes, 83 Cunninghamer, Mabb. Cornwall, Falmering 12510.

HEAVY duty Islands Plast 2.3ft. 6ln. x 9ft. 6ln. fisheemsa d diesel, Vosper 2:1, aft wheelbest suitable linting, pouling trawling ar-ing, safety etc. Telephone enquis-nui affers Cleethorpes 63464. 43ft. x 15fr. x 5ft., registri: 2.9ft., built 1933, tesk on oak coses stern, four drum winch, 15thp cop 1103, VIIF., MF., sounder, Pert gallawa, derricks, etc. 28,736 Tolephone: Wivenhoe 4650.

## "SREARBILL"

For Side by Private Hargain Haulsh Type Anchor Selner Leight 49,1612. Breadth 18,582. Depth 15,162. Bringer 29 14 tan Ves et huilt of wood by Summers Frescrivarigh 1856. Engine. Reduce The Will be the Market Willed 1962, regularly maintained. Factorial Willed Winch North Type 8 Sein art Winch recently averhanted. Fransmitter Salor (Shap's property) Echu sonnder. Koden IShap's property) Hadar. Koden IShap's property. Hadar. Koden IShap's property. Hadar. Kelvin Hugher (Shap's property). Proceed Mr. 2 Navigator (In hire). Proceed Mr. 2 Navigator (In hire). Vestal at present. Seine Net

receiver (the line).

Vessel at present Scine Net
Fishing from Grinsby. Quantity
of Scine nets, ropes and fishing
geor to be included in sale
geor to be included in sale
All enquiries and offers to:
Allard, Hewson & (u., i.i.d.,
Crose Birael, Fish Docks,
Grimsby
Tel: 0472 65156/7/8

## Continued from Page 22 HEDFIRD diesel van, lato 1971, 15 cwl., twin wheels, hody fair, engine overhanded, roal CASH crank, hearings VESSELS FOR SALE etc., new Typa cylludor head, alter-natur, atarter, no mileago. Perkin diesel 4017/18 as marine engine x600

## F.B. "GREEN VALLEY" (N.20)

Official and Classified

ADVERTISEMENTS

F.B. "GIEEN VALLET (N.207)

Bulb 1969 by Herd and MecKonzle, Buckle
Landröft, basan 21ft, draft 19ft., engine Criterpillar '155t' 425 lap.,
andrøft bareedes Bonz 40ftp., 24 voll electrira, hydraulie trawi and
miding blarcedes Bonz 40ftp., 24 voll electrira, hydraulie trawi and
miding blarcedes Bonz 40ftp., 24 voll electrira, hydraulie trawi and
miding blarcedes Bonz 40ftp., 24 voll electrira, hydraulie trawi and
selven electrical by Novigan Sharad SK munar, Simrad Ell
mider, Kelvin Hughes Kinglisher, Kelvin Hughes 17 rudar, Kolvin
linghes sato pilot, Sailor radin, Saavoice VHF. (On hiret: Decva
Navigator and Pletter.
The best is fitted for either trawi or seitm net and the hust mul
aurhinery have been very well maintained. Unly reason for sale is
obest taking delivery of largor steel vessel from same Ludiders.
For further information:
VRTOR CHAMITEES, ROCKFIELD, ANNALUNG, CO.
Tolophone: Annathong 259 or 431

Telephone: Annahing 259 or #31

IISBING heat, open, 300. long, a light draft, ox. this out, all Fibring lass with the light draft ox. this out, all Fibring lass with the light draft ox. this out, all the light draft, ox. this out, all the light draft ox. the light draft draft ox. of light lost 300 x 10ft x 3ft. to all the light lost 300 x 10ft x 3ft. to all the light lost 300 x 10ft x 3ft. to all the light lost 300 x 10ft x 3ft. to all the light lost 300 x 10ft x 3ft. to all the light lost 10ft. boom, sell draining decks, excellent candition throughout, 15,000.

STEEL stern trawler completed lay 1575, 5 ft. x 18t. lin, x 8ft. Gin., forward wheelhouse, three ron which and not draft upersted from the light lost lost the light lost lost lost the light lost lost lost lost lost over 285,000 plus WFA loan and gout to be taken over. Telephone: Leven 2629) File.

## M.F.V. "FLORIAGE" (A.56)

M.F.V. "FLORIAGE" (A.56)

Bullt Gerrard Bree, Arbrouth 1956.

length overall \$36, registored length 486, beam 166, tilm, draft 66, on bounge gross 23.30, engine Gardner 114hp 2:1 realization, engine cortained March 1978, Dynamo and electrics overhauled October 1976. Three for Domitiess which eill under guarantee, fitted a special property of the property in a series of the fitted of the fitt

MFV 75ft. x 10ft. dlin. x 8lit. 6lin., x 8lit. 6lin

## COMPLETE FISHMEAL PLANT FOR SALE

Capacity 100 tonnes/24 hours Mekers Stord Bartz Industry a/s built 1968, very little use

KARMOY MEK, VERKSTED A/S N-4250 Kopervik, Norway, tel: 047 50503 Telex: 40054 Karm n.—telegram: KAMEK

MALLOP dredge covers, double ('dd ngho, metal ballles, Trawl ag Itsmurol innere, Walls, La, Southern Nets, Telephone:

NEW 80 PATHOM training billy rigged, 5ft. deep, £97.20 Sit. 15.55, cardage paid, cash with including V.A.T. C. P. Harvey, Whost Road, Selsey, Sussax.

ONE PURSE NET

Maria 250 lahoma long by theoma deep. Also tour ring nets, the form 80 score to 140 score deep.
Offers to:
QIORGE WALKER & BONB. MALLAIO Tel: Mallelg 2305

8.71 GM spares, atarier, injectors, are nit sater pumps, one fresh the pump are heet axchanger, plus are spare. Telephone: Weymouth the visings.

4.11.50 marine tollete 234.00 and relaction of pumpe. 172 and relaction of pumpe. 172 and relaction of pumpe. 172 and the spare of the pumpe. 172 and the spare of 529 1276 after 8 p.m.

[WER 1.500 plastic saven atare.

SMALL MESH NETTING knotless arts below the mesh sel lyke nets chain. Drawn new and fish taronny pear to order. TRINITY SANDS NETS LIMITED Muns Mill, James Street,

Valuable but inexpanelve HIB/WFA DIRECTORY end

York Telephone: 21199:

MULTUM IN PARVO

their vascels and/or claws with **DIARY 1977** 116. For perticulers write: 60p Incl VAt, postaga and packing from

Heering Industry Board 10 Young Street, Edinburgh EH2 4JQ

1D Young Street,
Edinburgh EH2 4JO.

SOUTHERN Nats new colalogue available, low priced trawls, transmele, gille, 50p. Southern Nets, Lowor Cross, Udimore, Rye, Sussex, telephone: Rye 3844.

TRAWLERS end commercial craft insured at competitive rates with landing insurance companies and et along insurance compenies and et along insurance compenies and arranged. Hugh Cochraos & Associates, Marine Brokers, & Bull, Fowey, Cornwell, Tel. Fewey, 1480 (24 hour ensephone). Tele advantage of a quotation without fee er chiligation.

## MARINE SURVEYS

SEA SURVEYS, 25 North Read, Bristol S88 5AD. Prompt professional aurveys and valuations. Stability books made up to DTI approval ec-cording to new regulations. All types, anywhers. Bristol 43822 (24 hours).

## ENGINES FOR SALE

## VIKING MARINE INTERNATIONAL are now offering 23-220 horse power

**GUARANTEED MARINE DIESEL UNITS** FORD - BMC - CUMMINS

HIGH-QUALITY MARINISATION PARTS ALSO AVAILABLE

> For feal, courteous, earvice contact: V.M.). Plain Road, Folkestone, Kant Talaphone: 57127 - Talex: 965281

NOTICE

## GARDNER, Fortl, BMC and other merino engines, over 60 units now, robuilt, secondhard in stock, 3-30,00hg at analytic lat. Bolwethor Engineering, Drayton Mill, Nr. Ablagdan, Oxon. Stepanter, 687 SUPERINTENDENT 2:thp Russian marine diesel 2:1 reduction, complete with apures, tookit, control panel, hand or electric start, 50 hours from new £550. Tel: Brighton 410:179.

Independent well astablished prograssive west coast fishing vessel owners are souther an experienced superintendent engineer to take charge of the maintenance and improvement of their fleet of steal

NEW and recombined BLMC 1.5, 1.8, 2.2, 2.5 new and recon-ditioned 4D, 6D and D420, D2001 new PHM goarbax to each unit. Diosel Marine, llivecarlo Esiate, Hrundall, Norfolk NH14 5DL. Telephone. Norwich 712341.

GANDNEN ENGINES
Reconditioned 4-0 LW and 8 LX models
(bloom spares and reconditioned heads
and replaced blocks found recommends

OLAZEBROOK ENGINECHING. Carble Bay, St. Ives, Control Talaphone: 7301

gent lot boat in 50ht, also other livitrantic controls as new, take sounder, small compass, part oxchange, telaphone: Hull 21868 DM1 25hp four cylinder marine diesol engine with 2:1 reduction gene-lica, c285. United telephone: Hornsen

FITTEN FOR 120hr sell chang hydroutic D.D. with four blad

HSR Kelvin diesel excellent condi-den, 53 fathom 100, galvanised chain as new, Tel: Fort William 2462.

(\*\*CCC) gill uets, nylon, monofile-ment, polyproplone, fully rigged for sheat notting, ropes, floats, leadline. Southern Nets, tolophone: Hye 3844. PERKINS P6 with Perkins goar-

hox suiteble for spares or mod elarier.
Also Lister 3 cylinder GWO, Robert
Erakine, takfield Welk, Donaghedee,
Northorn Treland, talophona;
Donaghadea 3050. 

Donagnatica cool.

ARINIZED Perkins gonerator

115 vnll 7.5 kW unused. A new Ford
Merninid diosol ongine, lully marinizoil. Telaphono: Henketh Bank 3261 FOR sale: two 152hp Gerdner onglinos, complate with stern gear. Teleplanus: St. Fergue 307.

GARDNER 4LW., 6LW., 6LX and 8L3 with 3:1 reduction 14,500. Gardner 8L3H 25,500. O. M. Telt, 64 High Street, Fraserburgh, telophone: with snook clips and feet helt-on-boa frames, the simplest and most offician system over.

> ENGINES WANTED WANTED Gardner, Kelvin, other

WANTED

## GARDNER/KELVIN & ALL SRITISH MAKES OF MARINE DIESEL ENGINES

Required with or without stern geat.

other makes and types. Top cash pricee paid. immediate collection end payment.

R. E. Trem & Co. L(d., Bewtrey Road, Finningley, Neer Doncaster, Yorkshire Tal: Doncaster 770203 Telex: 647239

WANTED marins engines, par-ticularly Listere and Petters 10-40hp, air or water cooled, cesh paid, wo collect. Severn City Bosis, Bleckpola Wharf, Worcester, Islephone: 1905

WANTED urgeetly 230hp 8L355 Cardner diceel, elso eno 8L3 162hp. Telephone: Cruden 8ay 818.

## SITUATI NS VACANT

## ENGINEER

Prospective candinates in the ago range of even system or for the delogate to spots albility, but not alread of hard work. The company has its own small drock labour long augmented whom makes my by subscentiactors. Remains about a by regence that and will tolate to the duties involved apparents.

Applications giving datalis of aper provious asponants, qualifications and outsignated solvey to flor (to, 420.

TREW regulared for trawler, based on Telephone: 0243 87311 BY LES MARLINE SERVICE OF

Schars will be connected to the abelian and will reflect the importance of the post

deliveries of all vestels up to 500 r. Telephone 0243-58-459. WOILD-WHIE delivery, com-MYMILLEW HITE delivery, con-ingreial craft by protectional designer and crow weilfable, write for quotation Brian Kent, Boy Etn., Million Docks, Plymouth, Triephone: Plymouth 3 of 5 of

TORMURE WAS A

# works reconditioned engine, complete with Capitol gearbox, dropatrive milabult propeller, other spares. Box

## BAADER (694)

and location to:

Il you ere not setisfied with your local fieb marketing, wa heve the edution. if interselled please telaphone: Wettan (085 682) 286 o

# Henring satisfung machines Fish washing machines and Harring tilleting machines BOX No. 417

VESSELS WANTED WANTED, 38fr./39fs. MFV sound WANTED lebster fline boat, with and engine, no objection to smell 20/23ft. with diesel engine, in good

WANTED. Wanted. Wanted: WANTED. Twin engine Diagel work bust, 18ft./20ft. Prefer GRP. Telaphona: Brixhem 8577 work fishing best, 36ft. maximum langth. Telephona: Scillonia 683.

WANTED, 45ft/48ft (tawlet, Kalvin or Gardner angine, beet and engine in pariect condition. Box No. 427.

WANTED, Lobster boat 25/350., details and phorograph to Box No.

582) 286 or write Box No. 382.

FISH PROCESSING

MACHINERY

REQUIRED

Herring grading machin

STEEL starn trawler, 46ft. z 14ft. infered for two 38ft. first GM engined nilnimum, in good condition, must have recent survey, suitable emisers flylindga American plus, except to the workborn, no geer, gantry st. Roquired photo and full details to Boe No. 428.

## HELP YOUR COUNTRY. EXPORT YOUR VESSELT

Staat built and wooden trewlers wanted. Prolerably stack boamers under ten years. Send full particulars and photos to HANS - HOBERT JOEL.

F. K.

Driehuis-Velson 1620 - Holland telephone: YMUIDEN (2550) 18860. TELEX 41709

Kingdom during the first 11 months of 1976

Relvin Hughes type 17 radar MF. VHF., allship's property. Twin 24 volt generators and double bank britteries, hydraulic six drum winch, two W/T bulkhesds, large wheelhouse, in good comilition throughout. £8,750 onu. Telephons: Thanat 108431 55397.

sannier, emergancy wirelass and liferaft ship's property. VHF R/T. and Decce Mkl2 on hire., various types of flating gear. This boat has been well maintained and has just recently passed BOT aurvey. Elegant lines, would make ideal yacht, reason for selliag huying larger boat. Further causifies etc. Telaphous 085 77 355.

SCICTISH bulk MFV bade 1946, suitable for conversion, kraitit, breadth 18ft, draught 8h. fer-with 152hu Gardner engine, wer-navigational rids in wheelbear bargain, telephone: 08573 223

bargain, telophone: 08a a. 4.2.
MFV Pararish hallt 1937, irosmik, 25ft. x 8ft. 6ln. x 3ft. 8in. 497,
fatward shelter, Kelvin P4 disel;
reduction, Ferrograph 500 south
VIIF, electric hille pump, mizzer a
electrics, ideal flablog of anglist, is
telyphone: Mevagiasey 6727841 acompliage.

M.F.V. GY 571 For Sale by Private Hargan

## LOBSTER/CRAB nawn, crowtish and set tolding traps. THAWIS, et buit and gill note, "S" point hooks. "Modern plane Fubling" the hose to-modernise with ATAMARAN FISHING 190ATS backler 11.20

R. " B. LEAKEY Satile, Yorka BD24 OBA Tal: 07292-8506

(dey and night)

LONG SET LINES

## INSURANCE

SALVUR. BAIN (MANAGEMENT) LTD Managers lor SUNDERLANO MUTUAL INBURANCE CO. Ovar 1,700 ekipper/ownate insure

6 The Esplanede, Sunderlen Tyne & Wear BR2 7BQ Tel: |0763| 42551 |10 lines|

Promoutive candidates in the ago range of over 35 years having

ASSISTANT io the Plymouth manager of BRIXHAM & TORBAY FISH LIMITED

1 to 20 man lilerates DTI Js to boats. Liletati Hiro Co., 14 Chapel Road, Tiptier, Colchester, Los CCCC Please apply to The Secretary, Brixbane and Torbay Pish Limited, Brixbane Telephone: Brixbane 2025 or 51025.

Advertiser seeks good working order Baader 694 bone separator. Price wanted, mechine seriel number

Box No. 4321

1.1FERAFTS wanted, we purchase all types of ifferoft, dote of winkles, hailed or alive. Live lobsters manufacture, make, and leet service Box No. 377 please. Liferoft Servicing Co. 14 Chapel Road, Tiptree, Essex Telephone: Tiptree (08211818549. LAIGE and small quantities of winkles, whelks, cockles, museds and lobaters, collected anywhere in Scotland. Telephone: Watten 1095

Scottish Boat Owners?

WANTED. Una nat drum-'alaphone: Scarborough 75253.

hull and engine, no objected with condition. Box No. 424, amount ni work. Delails with condition. Box No. 424, pholograph if possible. Write to Box WANTED, Lobster No. 405. Interceted in offere of ell

WANTED. MFV 55ft/65ft, cash nr exchengs for vills on Balearic lelands, Speint. Telephona: 0273

WANTED Patter. Lister. Thornycroft power marine engines gearhoxne and propellers, plus bronze
prope in need of repair. Box No. 430.

22/28ft., sultable potting, sturdy,
diesel, forward wheelhouse preferred,
desent working spece, up to \$2,000.
Box No. 422.

Mester Mariner Builderfer Weg 28 2000 Schenelald, Germany



## Official and Classified **ADVERTISEMENTS**

Continued from Page 23

## SERVICES

SERVICE and supply, all marine electronic equipment. Agent for Wesmar sonar, Radcom, and other leading manufactures. Large and small problems promptly death with Electronic Affact, 25b Glendalo Gardens, Leigh on Sen, Essex. Telophone: 107021 79855.

Denis Swire C.Eng. F.R.i.N.A. 1 Sunsel Gardens. Porthieven, Cosnwell specialist designer of fighing urveys and valuations of ell types Stability calculations HELSTON 4080

EAST CUAST DIVERS 8), Andrews, Telephone; 3720 - For all under water work

## XMAS GREETINGS

## CHRISTMAS GREETINGS

To our friends all over the world 14 CHAPEL ROAD, TIPTREE, EBSEX (0821) 816649

## MISCELLANEOUS

ADVERTISER In carly 40's, good experience, has each available to purchese working share in Lowants insel justore trawler, not afraid of lard work on well equipped, lidy vessel, that No. 433.

## BOAT BUILDERS

ELTON Boatbuilding Co., clinke outbuilders, 14ft/30ft., larch on oak

## FINANCE

UNSECURED PERSONAL LOANS £200 - £2,000

Tennnis Householders Also secured Bonk Losns for Houseowners with C.C.J.s and/or Morigage arrests. Whiteledies Consultants 57 British Road. Sedminater, Bristol BS3 3BU Tol: (02752) 5923

## CHRISTMAS 1926

money last with the coal strike, money boats spend

ST. KILDA will get no BRIGHTLINGSEA sprat bankrupteles this year trawlers can be found to curing factory of George food industry says float take past out to the island. Talbut Ltd. Installs of Trade in annual report

DUE TO the time and market. CENSUS of British steam

working the North Sea over holiday.

Bulk of fleet ranges from herring senson.

Ser Kilida will get no seven in 35-years-old.

RECORD which herring senson.

resound in November. NEARLY 500 whales Lighthnuse's rocket stor GERMAN trawlers land taken in Alaska waters explodes destroying particles that the control of the control o

Recalling some of the Contraction stories which oppeared in our calumns this week 50

at Aherdeen, If eggs had

hatched, the port could be supplied with over 10,000 tons of fish por day for one year.

40,000lb of live eels of Billingsgate. The 100ft. Hans Il is the largost boat nf her kind to land ot the

Christmas at sea this venr instead of putting Seutish drifter swith an MAN Scuttish drifters with an MANY Losslemout into port ne usual. Over averngo nge of 18 yoars fishing famille 1,000 Hull fishermon and 465 English drifters emigrated to Australia

RNI. snvos 448 lives this machine which washes, But mather of fallures year, 66 more than in scales and clonus half-a- fish trade falls. 1925. Over 40 were million sprats por hour.

SHAGIA ...

Version States and with a policy.

Some is that the training free हो। १५वर्ष १९<sup>०</sup>० (बानुसन्दर्भवर्ष) William Art

ak wasan kanpandani cont cutting chiefe.

FOOD Council to make i

# No records at Grimsby

GRIMSBY'S last hope (Skipper Dave Ferrad), of recapturing the Pick of those was Part Vale national grossing with c39,925 from 0 24-day trip of 1,226 kits, but even through the second spot overall and she had to make do with this was not good eaough for second spot overall and she had to make do with third place behind another cod and medinere landings by a landlock trip from BUT's 11 distant water band delliese (Skipper Bill) 11 distant water Land Jellieve (Skipper Bil truwlers last week. Snte). trawlers last week.

Recense (Skipper Johnny William Wilberforce, asw Meadows), Britain's largest into action after a six-month sidewinder and former title lay up, also did very well to holder for three months until gross £39,078 from 1,206 kits

comblaation of bad weether mal week for the distant and slack fishing too great a waters with the 11 trawlers handicap to overcome and landing a total of only 13,230 had to settle for a £53,787 kits.

grossing — a long way short of Nor was the picture much better with the near/middle.

skippers on the lookout for section with its three lanplaice were largely disapplings.
pointed and there were only that year, when nearly three trips of flats all week, every seiner was leid up, from the Boston stero fisher. Anne Scott made a December Hoston Halifux (Skipper Ray growing of just over £6,000 levans), and Coursolidated and last week very nearly did

Among those naking their Skipper Tolamy Evans, final trips was BUT's Ross back from retirement and in

the end of November.

In common with the rest of These were the only real the vossels, she found the bright patches in ather a dis-

snything approaching record better with the near/middle water trips and ten vessels

through the south Humber port owners care to remember.

Nevertheless, the Ross
Reringe trips and tea vessels landed only 4,914 kits through the week.

Best outing here came from the through the week.

Best outing here came from the L. Taylor's Nanoo (Skipper George Hughes) with a £16,276 grossing from 617 kits, including nearly 300 Reringe trip was the best et of cod end 200 of dogs, efter Grintsby last week — the 24- an 18-day Westerlies/Feroes Grinishy last week - the 24. an 18-day Westerlies, Feroes

day voyage producing a turn trip.
out of 1,684 kits, mostly With the supply situation codstuffs, although it includagain less than 20,000 kits, ed nearly 560 kits of haddless.
With everyone forced on to Albrid, Hewson & Co. Ltd. the White Sens grounds, was delighted to head this skinners on the lookout for anching with its three loss.

Fisheries' Part Val. (Skipper it again, with £5,702 from 193) Par Blanes) and Aldershot kits after a 17-day (rip.



When Norman Sloley decided to buy a new inshore fishing vessel he had to think very carefully. Combe Martin, Devon, faces straight out into the Atlantic, and in between onshore gales, which roll unheeded through the moorings, the vessels are subjected to ground seas that can wear keel bands out in one year. For tough conditions you need a tough boat - and Norman chose Cyanus.

## BUT WHY NOT VIEW IN COMFORT AT THE LONDON BOAT SHOW - 1977?

6-16 January, Earls Court. Come and discuss your problem on stand P3. We will be exhibiting a GM32 GRP stern trawler and a GM 21 GRP hull.

In the meantime, further information from Cygnus Marine Ltd., Tregoniggie Ind. Est.,

Chris Brooke, Tel. Penryn 72970 Falmouth, Cornwall TR11 4RX

Published by Arthur J. Heighway flubilizations Ltd., 110 Fleet Street, London, EC4: Printed by Derby Trader Newspaper Ltd., Haanor Gate Industriel Estate, Heanor, Derbyshire.